

MITIGATED NEGATIVE DECLARATION

POST Mindego Ranch Addition to Russian Ridge Open Space Preserve San Mateo County, CA

February 15, 2008

Midpeninsula Regional Open Space District 330 Distel Circle Los Altos, CA 94022 650-691-1200

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Midpeninsula Regional Open Space District

PROPOSED MITIGATED NEGATIVE DECLARATION

Based on the attached initial study, the District proposes to issue the following:

A notice, pursuant to the California Environmental Quality Act of 1970, as amended (Public Resources Code 21,000, et seq.) that the following project: POST Mindego Ranch Addition to Russian Ridge Open Space Preserve, when implemented, will not have a significant impact on the environment.

PROJECT DESCRIPTION SUMMARY

The proposed project consists of the purchase of the 1,047-acre POST Mindego Ranch property by the Midpeninsula Regional Open Space District, including the assignment of existing lease, landfill removal agreement, and escrow agreement, and the concurrent adoption of a Preliminary Use and Management Plan that prescribes a status quo approach to the continued use and management of the property for livestock grazing and open space purposes.

FINDINGS AND BASIS FOR NEGATIVE DECLARATION

The Senior Real Property Planner of the Real Property Department of the Midpeninsula Regional Open Space District, based upon substantial evidence in the record, finds that:

- 1. The project will have no impact on aesthetics, agricultural resources, mineral resources, noise, population and housing, and recreation because such impacts simply do not arise from the proposed project, given its nature, the rural, forested setting, and the low-intensity agricultural uses that are associated with the project.
- 2. The project may have some limited effect on geology and soils, land use and planning, public services, transportation/traffic, and utilities and service systems but these effects will be minor and not significant given the project's minor nature, the rural, forested setting and the low-intensity agricultural uses that are associated with the project.
- 3. The project will not have a significant effect with respect to air quality, biological resources, cultural resources, hazards and hazardous materials, or hydrology and water quality because of mitigation measures that have been made a part of the project as proposed by the District. These measures will reduce impacts to a less than significant level.

4. The project will not:

- Create impacts that degrade the quality of the environment, substantially reduce the habitat of a
 fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels,
 threaten to eliminate a plant or animal community, reduce the number or restrict the range of a
 rare or endangered plant or animal, or eliminate important examples of the major periods of
 California history or prehistory, due to the project's small scale and localized nature.
- Create impacts that are individually limited, but cumulatively considerable, based on project-specific mitigations that reduce these impacts to a less than significant level.

Create environmental effects that would cause substantial adverse effects on human beings, either
directly or indirectly, based on project-specific mitigations that reduce these impacts to a less than
significant level.

Therefore, the Midpeninsula Regional Open Space District has determined that the project will have no significant effect on the environment.

MITIGATION MEASURES INCORPORATED INTO THE PROJECT

In addition to the previously adopted Mitigation Measures, included as Attachment A and incorporated by reference, the following mitigations measures are incorporated into the project:

Mitigation in Section III (d):	Mitigation AIR-1: The District shall adhere to existing regulations requiring abatement of lead and asbestos hazards and worker health and safety procedures during demolition activities.
Mitigation in Section IV(a):	Mitigation BIO-1: Conduct pre-demolition surveys of building structures proposed for removal, and if special-status bats are present, safely exclude the bats from the building before proceeding with the work, and time the demolition to avoid the maternity season.
Mitigation in Section VII(b):	Mitigation HAZ-1a: The District shall restrict access and disturbance to the areas containing hazardous materials.
	Mitigation HAZ-1b: Preparation of a Site Management Plan

RESPONSIBLE AGENCY CONSULTATION

San Mateo County.

INITIAL STUDY

A copy of the initial study is attached.

REVIEW PERIOD

The Review Period is February 19, 2008 through March 19, 2008. If you have any comments about the proposed Mitigated Negative Declaration or Initial Study, have information that should be included, and/or disagree with the findings of our study as set forth in the proposed Negative Declaration, please submit your comments in writing no later than 5 p.m. on March 19, 2008 to Midpeninsula Regional Open Space District, 330 Distel Circle, Los Altos, CA 94022.

CONTACT PERSON

Sandra Sommer, Senior Real Property Planner, 650-691-1200

Sandra Sommer, Senior Real Property Planner Midpeninsula Regional Open Space District

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

INITIAL STUDY AND PROPOSED MITIGATED NEGATIVE DECLARATION

PROPOSED ADDITION TO RUSSIAN RIDGE OPEN SPACE PRESERVE

1. Project Title: POST Mindego Ranch Addition

to Russian Ridge Open Space Preserve

2. Lead agency name and address: Midpeninsula Regional Open Space District

330 Distel Circle

Los Altos, CA 94022-1404

3. Contact person and phone number: Sandra Sommer, Senior Real Property Planner

Telephone: (650) 691-1200

4. Project location: 1,047 acres near State Highway 35 in unincorporated

San Mateo County; accessed via Alpine Road.

5. Project sponsor's name and address: Midpeninsula Regional Open Space District

330 Distel Circle

Los Altos, CA 94022-1404

6. General plan designation: General Open Space and Timber Production

(San Mateo County General Plan)

7. Zoning: RM (Resource Management)

TPZ (Timber Preserve Zone)

8. Description of project:

See Project Description, p. 5.

9. Surrounding land uses and setting.

See Project Description, p. 5.

10. Other public agencies whose approval is required.

none

11. Document Availability:

All documents referenced in the Initial Study and Mitigated Negative Declaration are available for review on weekdays from 8:30 a.m. to 5:00 p.m. at the Midpeninsula Regional Open Space District office at the address listed above. A copy of the Initial Study and Mitigated Negative Declaration may be obtained at cost, or a CD at no charge, from the District Office. The project is being carried out pursuant to the Service Plan for the San Mateo County Coastal Annexation Area and this initial study and proposed mitigated negative declaration is tiered with the Program Environmental Impact Report ("EIR") for that plan that was certified by the District's Board of Directors on June 6, 2003. The documents are posted online at www.openspace.org.

Copies of the Initial Study, proposed Mitigated Negative Declaration, and EIR are also available for review at the:

- Half Moon Bay Public Library, 620 Correas St., Half Moon Bay
- Woodside Public Library, 3140 Woodside Road, Woodside

PROJECT DESCRIPTION

PROJECT SUMMARY

The proposed project consists of purchase of the POST Mindego Ranch property by the Midpeninsula Regional Open Space District ("the District"). The property is comprised of three contiguous parcels (Assessor Parcel Numbers 080-320-060, 080-340-010, 083-310-060) located in unincorporated San Mateo County, totaling approximately 1,047 acres. The District would add the property to the adjacent 1,978-acre Russian Ridge Open Space Preserve to expand the Preserve to a total of 3,025 acres. The property falls within the District's Coastside Protection Area and would be subject to all of the environmental and agricultural protection policies and guidelines described in the District's *Service Plan for the San Mateo Coastal Annexation Area*.

A Preliminary Use and Management Plan will take effect upon the close of escrow, and remain effective until a Comprehensive Use and Management Plan (Comprehensive Plan) for the property is developed. The Preliminary Use and Management Plan represents a status quo approach to management and includes continuing grazing under an interim grazing lease. The Preliminary Use and Management Plan also includes securing, posting, patrolling and cleaning up the property (which includes minor demolition of a residence, two trailers, and agricultural structures that are not necessary for ongoing grazing operations), as well as maintaining the property as closed to public use except for infrequent docent-led hikes.

PROJECT LOCATION AND SETTING

The 1,047-acre POST Mindego Ranch property is located in the Santa Cruz Mountains northwest of the town of La Honda in unincorporated San Mateo County, about nine miles inland from the Pacific Ocean. The property is accessed from Alpine Road and is bounded by Russian Ridge Open Space Preserve to the east. The 1,978-acre existing preserve is managed for resource protection and low-intensity public recreation, offering a 10.4 mile trail system and parking located at the intersection of Alpine Road and Skyline Boulevard (Highway 35). The majority of the existing open space preserve is open to the public for hiking, bicycling, and equestrian use. Private properties lying to the north, west and south of Mindego Ranch are generally large parcels with agricultural and rural residential land uses. The Log Cabin Ranch, operated by the San Francisco Juvenile Probation Department, is located adjacent to the southwest corner of the property. To the northwest lies the watershed lands of the Cuesta La Honda Guild, a common interest development of several hundred homes, incorporated in 1936 to provide water, recreational facilities and roads to the community.

EXISTING OWNERSHIP AND HISTORICAL BACKGROUND

The project site is currently owned by the Peninsula Open Space Trust (POST), a Palo Alto based 501c(3) non-profit land trust. POST purchased the property in 2007 with funding from supporters, including a \$3 million grant from the Gordon and Betty Moore Foundation. Prior to POST's purchase of the ranch, the property was owned by the True family who had occupied the property since 1954. Mr. Chris True and his family currently lease the property back from POST through October 2008, continuing year-round grazing, residential, and related uses of the property.

Mindego Hill has been the site of cattle ranching since 1859, when Juan Mindecoa settled in the area. Native Americans originally occupied much of the Santa Cruz Mountains. Due to its gentle terrain, easy access to coastal habitats, year-round streams and lakes, and diverse vegetation, the project site could possibly have been occupied by the Costanoan people. Several rock mortars and rough tools have been found on the property over the years, showing that the site was at least occasionally occupied.



Figure 1. Project Location Map

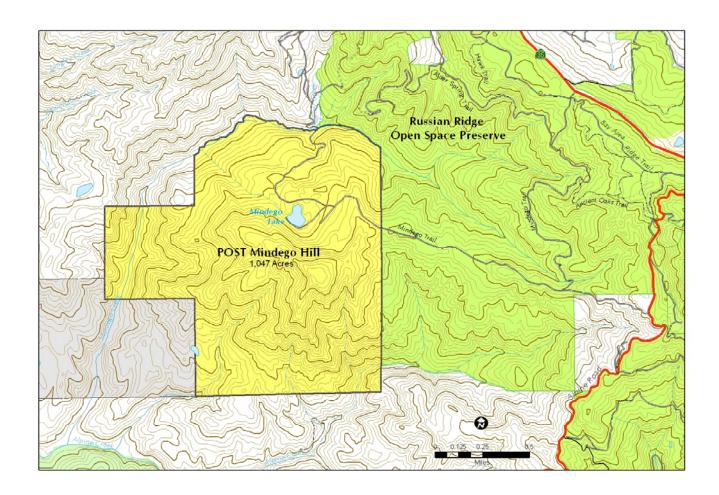


Figure 2. Project Site Map

EXISTING SETTING

The current San Mateo County General Plan designation for Mindego Ranch's eastern 887 acres is General Open Space, and the designation for the westerly 160 acres is Timber Production. The eastern 887 acres is zoned RM (Resource Management), and the westerly 160 acres of the property is zoned TPZ (Timber Preserve Zone). The easterly 887 acres is also part of an agricultural preserve established by Land Conservation (Williamson Act) Agreement between the County of San Mateo and the former landowner. Adjacent private properties to the north, west, and south of Mindego Ranch are zoned RM. The property to the southeast is zoned TPZ. The project site occupies 1½ square miles of mountainous terrain covered by rolling grasslands, oak woodlands, and mixed evergreen forests supporting stands of second-growth redwoods. A prominent landmark, Mindego Hill, which rises 2,143 feet above sea level and is visible for miles, characterizes the terrain. Two perennial streams (Mindego and Alpine Creeks) and one intermittent stream (Rodgers Gulch) traverse the property, eventually draining into San Gregorio Creek and then out to the Pacific Ocean. One large and several small seasonal ponds are found on the property, and Kneudler and Mindego Lakes provide year-round water. Numerous seeps and springs are present.

The two perennial creeks potentially provide important habitat for steelhead trout, a species listed as federally threatened under the Endangered Species Act. California red-legged frog, also listed as

threatened, is potentially present in several of the ponds. Habitat also exists for the San Francisco garter snake, a species listed as endangered under the Act, although the species has not been observed on the site. The diverse mosaic of vegetation communities and water resources present on the property provide potential habitat for a wide variety of plants and animals.

San Gregorio Creek Adjudication Decree No. 355792 dated 1993 allots adjudicated water rights to the Mindego Ranch property. The property has three diversion points indicated on the State Water Resources Control Board map: #82 and #91 (in Kneudler and Mindego Lakes for stock watering use), and #90 (for domestic, stock watering, and irrigation use). The property's water systems currently collect water from springs above Mindego Lake and store it on-site in tanks for further use.

Existing routine ranching activities at the Mindego Ranch are typical of a coastal San Mateo County grazing operation, and include regular use of the roads by trucks and other vehicles, and ATV activity off the roads; minor road grading, maintenance, and repair; erosion and erosion control; fence installation and repair; vegetation management, including burning and mowing; predator control; equestrian traffic; supplemental feeding; and cattle roundup and movement throughout the pastures. Cattle have access to the existing lakes and ponds. The shoreline of Mindego Lake in particular shows varying influences from cattle traffic: trampling and removal of emergent and shoreline vegetation, animal impact in the shallow margins, and increased turbidity and nutrient loading. Scrublands, woodlands, and the riparian habitat along the drainages are in general only utilized by the cattle along the grassland perimeter or roadway margins, due largely to dense vegetation and steep, inaccessible slopes. The current grazing operation relies on vegetation barriers and some fencing to restrict cattle access to streams.

In 2007, as a part of the purchase due diligence process for the Mindego Ranch property, the former owner reported to POST the presence of a 10,000 to 15,000 cubic yard solid waste and debris landfill on the property. POST then hired a professional engineering consultant to prepare a Phase I Environmental Site Assessment and Phase II Investigations Report ("Phase I / Phase II Report"). The Phase I / Phase II efforts characterized the landfill materials by trenching, and identified and investigated several additional areas of residual contamination on the property. In the *Landfill Removal Agreement* between POST and the former owner, POST, and the District as its successor, is obligated to remove the landfill from the site, unless an alternative treatment is agreed upon. A *Landfill Removal Work Plan*² was prepared by POST's engineering consultant to provide a description of general landfill removal and closure procedures that would be compliant with the agreement between POST and the former owner absent amendment. By separate letter, POST's engineering consultant also indicated that there are alternative methods to treat the landfill in compliance with applicable regulations, including treatment of the landfill in-place³ (i.e. not remove from the property) or pursue other treatment options. The *Landfill Removal Plan* does not limit alternative approaches to the logistics, process, timing, or methods of landfill removal, and was not prepared in consultation with the regulatory agencies responsible for oversight.

A number of existing structures and improvements are found on the property. These include the former Giandrea, Old True, and True ranch houses, and associated barns and outbuildings. Mr. True's family and employees, who currently maintain the property and manage the year-round grazing operation, currently occupy these former ranch houses, under the lease scheduled to terminate in October 2008. Two trailer residences are currently occupied. Other improvements include the spring-fed water system, piping, water storage tanks, a stock watering trough, several spring boxes, corrals, a riding ring, and pasture fencing. Several miles of improved ranch roads traverse the property, with more miles of All

Phase I Environmental Site Assessment and Phase II Investigations Report: Mindego Ranch Property, 300 Alpine Road, La Honda, California. Erler & Kalinowski, Inc., October 3, 2007.

² Landfill Removal Work Plan, Mindego Ranch, 300 Alpine Road, San Mateo County, CA. Erler & Kalinowski, Inc., September 18, 2007.

³ Letter dated February 14, 2008 regarding Possible Options for Addressing Landfill, Erler and Kalinowski, Inc.

Terrain Vehicle (ATV) routes that access the remote portions of the property. Under the terms of the existing lease, which will be assigned to the District prior to termination in October 2008, the tenant is obligated to repair and maintain all roads used for the grazing operation and to prevent and control erosion resulting from their use.

PROPOSED PROJECT

The proposed project consists of:

- Adopting a resolution approving the Purchase Agreement for the POST Mindego Ranch property, and approving the related documents including but not limited to:
 - o Purchase and Sale Agreement
 - Assignment to the District of the True Lease, Landfill Removal Agreement, and Escrow Agreement.
- Adopting the Preliminary Use and Management Plan detailed below.

Preliminary Use and Management Plan

The Preliminary Use and Management Plan will take effect upon the close of escrow, and remain effective until a Comprehensive Use and Management Plan (Comprehensive Plan) or Master Plan is developed for the property as an addition to the adjacent Russian Ridge Open Space Preserve. The Preliminary Use and Management Plan represents a status quo approach to management, including continuation of grazing under the provisions of a grazing lease, resource management, posting signs, securing the site, and removing structures that are not necessary for on-going grazing operations, as described more fully below.

<u>Public Access</u>: Designate the property as closed to public access, except for District docent-led hiking use in limited non-sensitive areas. Upon request, the Peninsula Open Space Trust may obtain a license or permit to enter the property on a limited basis in non-sensitive areas for donor recognition purposes. Docent parking shall occur only in a designated, temporary 3- to 4- car parking area on a grassy flat near the property entrance gate.

<u>Roads and Trails</u>: Maintain existing roads to the ranch compound in serviceable, year-round condition, and maintain the remaining existing roads for seasonal use. Implement maintenance and minor erosion and sediment control measures for the primary and secondary access roads as outlined in Attachment C. Winterize roads annually, and conduct maintenance in accordance with the road and trail maintenance practices set out in the Coastal Protection Area Service Plan.

<u>Fences and Gates</u>: Install, maintain, and repair existing gates and fences as necessary to prevent livestock movement onto adjacent private property and the balance of Russian Ridge Open Space Preserve. Install new gates as necessary to prevent unauthorized vehicular entry at the property and access easement boundaries.

<u>Signs</u>: Install "Closed Area" signs and District boundary plaques where appropriate. Install signage acknowledging California Coastal Conservancy grant and POST contribution.

<u>Patrol</u>: Regularly patrol the property utilizing existing roads.

Rangeland Management: Continue year-round grazing under the existing grazing lease until the lease terminates in October 2008. After that, initiate seasonal grazing of the property's grasslands by implementing the Interim Rangeland Management Plan as detailed in Attachment B, and entering into an interim grazing lease with a qualified grazing tenant.

Resource Management: Use conservation grazing, consistent with the Interim Rangeland Management Plan, as a vegetation management tool to reduce invasive weeds and encourage native grasses within the property's grasslands. Conduct other interim invasive plant and animal management activities consistent with the District's accepted policies and practices.

<u>Williamson Act</u>: Nonrenew the Williamson Act contract. Comply with the existing Williamson Act contract during the nonrenewal period.

<u>Fuel Management</u>: Conduct conservation grazing per the Interim Rangeland Management Plan, as well as other current District-wide fuel management practices.

<u>Landfill Treatment</u>: Contract with a qualified environmental engineering professional to assist the District regarding the appropriate treatments for the landfill found on the property. Contact and obtain review by appropriate state and local regulatory agencies regarding landfill treatment alternatives. Perform additional testing of the landfill contents in accordance with applicable laws and regulations as needed to make this determination. Prepare a Landfill Removal Implementation Plan and subsequent environmental review for the Board's future consideration and approval.

<u>Structures</u>: Continue leasing the structures and premises as specified in the existing lease, until the lease terminates in October 2008. Demolish and remove the True residence, two trailers, outbuildings that are not necessary for on-going grazing operations, debris, and equipment in a state of disrepair. Retain the old True and Giandrea residences pending further assessment.

<u>POST Donor Recognition:</u> Allow POST to build a small, visually harmonious donor recognition landscape feature near the existing barns and outbuildings, subject to District Board review and final approval.

<u>Service Plan</u>: Operate and manage the property in conformity with the provisions of the Service Plan for the Coastside Protection Program.

BACKGROUND

The District's enabling legislation (California Public Resources Code sec. 5500) allows it to acquire land, or rights in land, to operate and maintain a system of public ecological and open space preserves, trails, and other facilities for the use, education, and enjoyment of all the inhabitants of the District. The property falls within the District's Coastside Protection Area and would be subject to all of the environmental and agricultural protection policies and guidelines described in the District's *Service Plan for the San Mateo Coastal Annexation Area*⁴ (Service Plan), approved by the Board of Directors on June 6, 2003 and by the San Mateo County Local Agency Formation Commission on April 7, 2004. The Service Plan sets District policy for the roughly 140,000-acre Coastside Protection Area in San Mateo County. The District's mission for the Coastal Protection Area is "to acquire and preserve in perpetuity open space land and agricultural land of regional significance, protect and restore the natural environment, preserve rural character, encourage viable agricultural use of land resources, and provide opportunities for ecologically sensitive public enjoyment and education." The Service Plan provides that the District will accomplish this mission as a cooperative endeavor with public agencies, non-profit organizations, and individuals with similar goals.

Service Plan for the San Mateo Coastal Annexation Area, Midpeninsula Regional Open Space District, June 6, 2003. Available on-line: http://www.openspace.org/plans_projects/downloads/MROSD-FinalSP_6_06_03.pdf

The Service Plan directs the District to focus its efforts in the Coastside Protection Area on the preservation and management of open space resources of its own lands or lands of other public or non-profit entities that request management assistance from the District in order to:

- protect watershed integrity and water quality;
- protect sensitive resources such as habitats for special-status species;
- provide key links to existing District and other public open space lands;
- provide visitor-serving facilities for low-intensity recreation;
- support development of an integrated regional trail system coordinated with the San Mateo County Trails Plan;
- provide opportunities for scientific research, resource conservation demonstration projects, outdoor environmental education programs, and interpretive programs; and
- preserve existing and potential agricultural operations in order to keep the maximum amount of prime agricultural land and other lands suitable for agriculture in agricultural production.

The Service Plan sets forth specific policies, guiding principles, and implementation actions governing land purchase, use, and management in the coastal protection area in furtherance of this mission.

Prior to adopting the Service Plan the District prepared a Program Environmental Impact Report (EIR) that considered the potential environmental effects of implementing the Service Plan through programs such as land purchase, providing public access to open space lands, and protecting natural resources and agricultural lands in the coastal protection area. The EIR evaluated each effect and proposed mitigation measures to avoid or substantially reduce each of the potentially significant impacts. Each of these mitigation measures was incorporated into the Service Plan adopted by the District.

METHODOLOGY

The project is being carried out pursuant to the District's Service Plan. The District Board of Directors certified the EIR for the Service Plan on June 6, 2003. The Mitigation Monitoring Plan is located at the end of this document and incorporated by reference as Attachment A. In order to eliminate repetitive discussions of issues addressed in the EIR, this initial study and the proposed mitigated negative declaration are tiered off the EIR and focus on issues specific to this project. This environmental review considers potential effects that were not examined as significant effects in the EIR or which are susceptible to substantial reduction or avoidance based on feasible mitigation strategies specific to this project.

The proposed project is being carried out pursuant to the Service Plan. The plan contemplated purchase of lands such as the POST Mindego Ranch. As discussed in the Land Use section of this Initial Study, the proposed purchase and Preliminary Use and Management Plan are consistent with the Service Plan and with the San Mateo County General Plan and zoning ordinance.

Where a project is consistent with a plan for which an EIR has already been prepared, the California Environmental Quality Act provides that agencies are to focus environmental review on issues that were not addressed in the original EIR or where there are new opportunities to mitigate significant impacts that were not mitigated in connection with the plan adoption. Consistent with this direction, this environmental review document first considers the extent to which potential environmental effects of this project were adequately analyzed and mitigated in the EIR. The analysis then focuses on effects that were not evaluated as significant effects in the EIR or for which substantial reduction or avoidance may be possible due to circumstances specific to this project. Where effects are found to be significant or susceptible to further mitigation, additional mitigation measures are proposed. For this project, each of the mitigation measures identified in this document has been made a part of the proposed project.

SUBSEQUENT ACTIONS AND APPROVALS

The property purchase and adoption of the Preliminary Use and Management Plan requires the approval of the District Board of Directors. The California Coastal Conservancy will take action on the grant application. The District will close escrow on the property. The District will enter into an interim grazing lease with a qualified grazing tenant.

The environmental factors checked below would be potentially affected by this project, involving at least

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

one impact that is a "Potentia	lly Significant Impact"	as indicated by the c	checklist on the following pages.		
Aesthetics	☐ Agricultu	re Resources	Air Quality		
☐ Biological Resources	Cultural F	Resources	Geology / Soils		
Hazards & Hazardous Ma	aterials Hydrolog	y / Water Quality	Land Use / Planning		
☐ Mineral Resources	☐ Noise		☐ Population / Housing		
☐ Public Services	Recreatio	n	☐ Transportation / Traffic		
Utilities / Service System	Mandator	y Findings of Signifi	icance		
DETERMINATION On the basis of this initial eva	aluation:				
	d project COULD NOT RATION will be prepar		ffect on the environment, and a		
will not be a significan	nt effect in this case bec	ause revisions in the	effect on the environment, there project have been made by or DECLARATION will be		
	d project MAY have a s IMPACT REPORT is r		the environment, and an		
significant unless mitigates been adequately analyst have been addressed be attached sheets. This land Although these effects significant effect in this into the project so as to	gated" impact on the enzed in an earlier docum y mitigation measures l Initial Study analyzes o could have a significant is case because revision	evironment, but all superity pursuant to applicate and the earlier and the effects that result effect on the envirous in the project have a impacts to insignification.	t impact" or "potentially ach potential impacts 1) have cable legal standards, and 2) analysis as described on the emain to be addressed. Conment, there will not be a been made and incorporated cance. A MITIGATED		
because all potentially pursuant to applicable EIR, including revision	I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.				
		February 15	5, 2008		
Signature		Date			
Sandra Sommer, Senior Real Printed Name	Property Planner	Midpeninsu For	la Regional Open Space District		

ENVIRONMENTAL IMPACTS:

A	AESTHETICS	Potentially Significant Impact	Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impact</u>
ld t	he project:				
a)	Have a substantial adverse effect on a scenic vista?				
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				\boxtimes
c)	Substantially degrade the existing visual character or quality of the site and its surroundings?				\boxtimes
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				\boxtimes
	a) b) c)	 b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? c) Substantially degrade the existing visual character or quality of the site and its surroundings? d) Create a new source of substantial light or glare which would adversely affect day or nighttime 	AESTHETICS a) Have a substantial adverse effect on a scenic vista? b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? c) Substantially degrade the existing visual character or quality of the site and its surroundings? d) Create a new source of substantial light or glare which would adversely affect day or nighttime	AESTHETICS Ald the project: a) Have a substantial adverse effect on a scenic vista? b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? c) Substantially degrade the existing visual character or quality of the site and its surroundings? d) Create a new source of substantial light or glare which would adversely affect day or nighttime	AESTHETICS AESTHETICS a) Have a substantial adverse effect on a scenic vista? b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? c) Substantially degrade the existing visual character or quality of the site and its surroundings? d) Create a new source of substantial light or glare which would adversely affect day or nighttime

Discussion:

The aesthetic impacts of the District's Service Plan were considered in the Program Environmental Impact Report for the Service Plan for the San Mateo County Coastal Annexation Area certified by the District Board of Directors on June 6, 2003 ("EIR"). These impacts were discussed on pages DEIR-IV-G-1-4 and 5, and are summarized in the Mitigation Monitoring Plan on pages FEIR-VII-18-19. (These Mitigation Measures and the associated Mitigation Monitoring Plan are incorporated by reference into this Mitigated Negative Declaration as Attachment A.) The EIR concluded that there would be no significant impacts to aesthetics if all Mitigation Measures were adopted. The Mitigation Measures were adopted as Service Plan guidelines G.6.10 through G.6.15. Although these previously adopted Mitigations apply to the project, given the project-specific factors discussed below, the project already has no impact on aesthetics even without the Mitigations.

- a), b) Mindego Hill can be viewed from trails in the District's Russian Ridge Open Space Preserve,
 and c): Skyline Ridge Open Space Preserve, and viewpoints throughout the La Honda area. The Mindego Ranch property does not lie within the Skyline State Scenic Highway Corridor or within the Alpine Road County Scenic Corridor. Except for minimal signs, gates, and fencing, no improvements are planned as part of the project, and no trees are slated for removal.
 Because it would maintain the visual environment as it currently exists on the property, the proposed project would avoid impacts to scenic resources and scenic vistas.
- d) The proposed project does not include construction of new structures or light sources, and therefore would not create a new source of light or glare.

The EIR consists of the Draft Program Environmental Impact Report and the Final Environmental Impact Report/Response to Comments. Page references to the Draft Program Environmental Impact Report are in the format "DEIR-Page Number" (e.g., DEIR- IV-G-1-4). Page references to the Final Program Environmental Impact Report are in the format "FEIR-Page Number" (e.g., FEIR-VII-G-17-18). Both documents are available on-line: http://www.openspace.org/plans_projects/cpp.asp

Less Than

			signijicani		
		Potentially Significant Impact	With Mitigation Incorporation	Less Than Significant Impact	No Impact
II.	AGRICULTURE RESOURCES				
In detern agencies by the Ca	mining whether impacts to agricultural resources are signay refer to the California Agricultural Land Evaluational Department of Conservation as an optional more and farmland. Would the project:	on and Site	e Assessment	Model prep	
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural				5 7
	use?				M
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?				\boxtimes
c)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?				\boxtimes

Discussion:

The impacts of the District's Service Plan on agriculture were considered in the EIR. These impacts were discussed on pages DEIR-IV-B-1 through 6, FEIR-II-10 through 28, and are summarized in the Mitigation Monitoring Plan on pages FEIR-VII-4 through 12. The EIR concluded that there would be no significant impacts to agriculture if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan policies PA.1 through PA.3, and as Service Plan guidelines G.3.1 through G.3.10 and G.6.3, and as Service Plan implementation actions G.3.A(i) and G.3.B(i). Although these previously adopted Mitigations apply to the project, given the project-specific factors discussed below, the project already has no impact on agriculture resources even without the Mitigations.

The property has historically been used as dry pasture (non-irrigated) grazing for beef cattle, and the project would continue this use under the interim rangeland management prescriptions that are part of the proposed Preliminary Use and Management Plan. The *Interim Rangeland Management Plan* will take effect upon the termination of the current leaseback grazing operation in October 2008 and the selection of a qualified interim grazing operator under the terms of a new short-term interim lease. The grazing prescriptions contained in the plan set conservative livestock stocking rates, and would shift the current year-round grazing operation to a seasonal operation under a short-term interim grazing lease as part of the project. The project does not include a long-term rangeland plan or a long-term lease, although these may be prepared during the interim period following further resource studies and public input, subject to District Board approval.

a) Livestock grazing on the project site would continue under the proposed project, and would not result in conversion of farmland to non-agricultural uses. The project site does not contain Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.

b) The property is zoned RM (Resource Management). This zoning designation provides for park, open space, and recreational uses. The project therefore does not conflict with existing zoning. The eastern 887 acres of the project site is subject to a Williamson Act contract between the former property owner and San Mateo County. The contract specifies that the contracted land shall be primarily used for the production of agricultural commodities for commercial purposes. The Williamson Act is a voluntary agreement between a landowner and the County to retain agricultural use in exchange for property tax reduction. As a government agency the District is already not subject to property taxation. The proposed project continues agricultural use, and the contract imposes an undue administrative burden upon the District without affording any benefit. The California Department of Conservation has recommended in previous instances in which the District has purchased property subject to a Williamson Act contract that the District consider filing for contract nonrenewal. Nonrenewal is the standard administrative procedure for terminating a Williamson Act contract. The project includes compliance with the existing contract during the ten-year nonrenewal period. There will therefore be not project impacts related to conflict with the existing Williamson Act contract. c) See response to (a) above. Less Than Significant Potentially With Less Than Mitigation Significant Significant No Impact Incorporation Impact Impact III. **AIR QUALITY** Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project: a) Conflict with or obstruct implementation of the \boxtimes applicable air quality plan? b) Violate any air quality standard or contribute to an existing or projected air quality violation? \boxtimes c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed \times quantitative thresholds for ozone precursors)? d) Expose sensitive receptors to substantial pollutant concentrations? \boxtimes

Discussion:

The impacts of the project on air quality were considered in the EIR. These impacts were discussed on pages DEIR-IV-F-1 through 3, and are summarized in the Mitigation Monitoring Plan on page FEIR-VII-17. The EIR concluded that there would be no significant impacts to air quality if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan

number of people?

e) Create objectionable odors affecting a substantial

 \boxtimes

guideline G.6J(i), and are therefore incorporated into the project. The discussion below considers specific information concerning this project not considered in the EIR that could have the potential to cause a significant air quality impact.

- a), b), The project does not include construction of any major improvements. The property would
- c), & remain closed to public use, except for docent led hikes. Maintenance of existing roads would
- e) occur as part of the project, but not at levels in excess of the existing baseline. Fugitive dust would be sufficiently controlled per the previously adopted Mitigation Measures.
- d) As part of the site clean-up process, the project proposes to demolish True residence, two trailers, outbuildings that are not necessary for on-going agricultural operations, debris, and equipment is a state of disrepair. Given the ages of the various structures, a potential exists for the presence of asbestos-containing materials and lead paint associated with these structures. During demolition or removal of these structures, lead dust and asbestos fibers could be released into the air, potentially affecting site workers at the site. (Demolition activities will not occur until after the current tenant no longer resides on the property and therefore they will not be impacted by these activities.) The following potential impact and mitigation is intended to address the potential impact that may occur.

Impact AIR-1: Demolition of existing buildings or removal of asbestos-containing materials could release lead dust and asbestos fibers, potentially affecting site workers.

As discussed above, lead paint and asbestos-containing materials are presumed to be present in buildings in the Project area. If these materials are present in the buildings proposed for demolition, then any disturbance to the building materials could release lead dust and asbestos fibers, potentially affecting site workers.

Mitigation AIR-1: The District shall adhere to existing regulations requiring abatement of lead and asbestos hazards and worker health and safety procedures during demolition activities.

State and Federal regulations require the abatement of all asbestos-containing materials prior to demolition or renovation activities that would disturb them. State regulations (Title 8, California Code of Regulations, Section 1529) protect construction worker safety where asbestos-containing materials are present.

Loose and peeling lead-based paints would require removal prior to demolition activities. Paints that are adhering to their surfaces do not require abatement and can be disposed of as regular construction debris regardless of their lead content. State regulations require that air monitoring be performed during and following renovation or demolition activities at sites containing lead-based paint to prevent persons from exposure to lead-based paint pollutants (Title 8, California Code of Regulations, Section 1532.1). Asbestos and lead-based paint abatement procedures are designed to contain these materials to the immediate vicinity.

The incorporation of this measure is adequate to reduce the effect on the air quality associated with the project to a less than significant level.

TX 7	T		Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impact</u>
IV.		BIOLOGICAL RESOURCES				
wou		he project:				
	a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special- status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?		\boxtimes		
	b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?		\boxtimes		
	c)	Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?		\boxtimes		
	d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife corridors, or impede the use of native wildlife nursery sites?				\boxtimes
	e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				\boxtimes
	f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?				\boxtimes

Discussion:

The biological resources impacts of the District's Service Plan were considered in the EIR. These impacts were discussed on pages DEIR-IV-I-1 through 24, FEIR-II-40 through 43, and are summarized in the Mitigation Monitoring Plan on pages FEIR-VII-23 through 27. In addition, Mitigation Measure AGR-3e is relevant to biological resources. The EIR concluded that there would be no significant impacts to biological resources if all Mitigation Measures were adopted. The Mitigation Measures were adopted as Service Plan guidelines G.6.3, and G.6.20 through G.6.30, and as Service Plan implementation actions G.6L(i) through G.6P(i) and are therefore incorporated into the project. The discussion below considers specific information concerning this project not considered in the EIR that could have the potential to cause a significant biological resources impact.

As noted in the Project Description, the diverse mosaic of vegetation communities and water resources present on the property provide potential habitat for a wide variety of plants and animals. The project site occupies mountainous terrain covered by non-native grassland, scrub, chaparral, oak woodlands, and mixed evergreen forests supporting stands of second-growth redwoods and Douglas fir. Two perennial streams (Mindego and Alpine Creeks) and one intermittent stream (Rodgers Gulch) traverse the property. One large and several small seasonal ponds are found on the property, and Kneudler and Mindego Lakes provide year-round water. Numerous seeps and springs are present.

a), b) The project site has been the subject of a preliminary resource assessment⁶ and a biological and c): reconnaissance. Special-status plant and animal species potentially present on the project site include steelhead trout, California red-legged frog, western pond turtle, bats, and western leatherwood. Habitat exists for the San Francisco garter snake, although the species has not been confirmed to be present on the project site.

No public access improvements are proposed as part of the project, and the property will be closed to recreational use except for limited docent-led hikes in non-sensitive areas. The project, as detailed in the *Interim Range Management Plan*, calls for a sustainable level of conservation grazing with quantifiable standards and a responsible monitoring program, and the grazing lease prioritizes resource conservation values over grazing. As compared to the existing baseline of year-round heavy grazing with supplemental livestock feeding, stocking levels will be substantially reduced. Implementation of the *Interim Range Management Plan* prescriptions will ensure that impacts from the continuation of the livestock grazing operation will not result in substantial adverse impacts to local, state or federally-listed species, habitats, or wetlands.

The weed management prescriptions contained in the *Interim Range Management Plan* could involve the use of small quantities of common, approved herbicides. Previously adopted Mitigation Measure AGR-3e, which is incorporated into the project by reference, requires herbicides to be used according to regulatory restrictions, as well as proper handling and application. Use of pesticides will be de minimis in nature, and will not create any significant impact to biological resources.

Some of the areas found to contain surficial soil contamination above regulatory thresholds for recreational use, which are discussed in more detail in the Hazards and Hazardous Materials section, are also areas that potentially provide upland habitat for California red-legged frog, San Francisco garter snake, and/or other special status species. Access to and soil disturbance in the areas containing contamination will be restricted as a result of the mitigation measure contained in the Hazards and Hazardous Materials section, which also avoids any impacts to special status species. Implementation of remedial actions on these sites is not part of the project. After property purchase, further assessment and investigation of these limited sites will be undertaken and will be subject to further environmental review for the District Board's approval prior to undertaking such measures if needed.

The following potential impacts and mitigations are intended to address potential impacts that may occur prior to as a result of the structure removal proposed as part of the project.

Resource Assessment, Mindego Hill (True Ranch), LSA Associates, December 27, 2002

Impact BIO-1: The project proposes to remove building structures potentially inhabited by special-status bats.

The project proposes to demolish the True residence, remove the two trailers, and remove outbuildings that are not necessary for on-going grazing operations, debris, and equipment in a state of disrepair. Prior surveys of other District properties have identified special-status bats utilizing buildings similar to those proposed for demolition as part of the project⁷. Bats use roosts for three different purposes, including day roosting, night roosting, and maternity roosting. Focused surveys for roosting or nesting bats have not been conducted within the project area. If building structures inhabited by bats are removed, depending on the timing, this action could result in the disturbance of roosting bat species during the maternity season (typically between April 15 – July 29).

Mitigation BIO-1: Conduct pre-demolition surveys of building structures proposed for removal, and if special-status bats are present, safely exclude the bats from the building before proceeding with the work, and time the demolition to avoid the maternity season.

The following measures are incorporated into the project to prevent impacts to special-status bat species:

- A bat survey will be conducted before any performing work involving demolition of building structures suitable for bat occupancy. This survey will determine presence or absence of a roost supporting either a maternity colony (a groups of all females and their young) or a group of non-reproductive bats. If no special-status bats are found, demolition work must be conducted within one month of the survey.
- If non-reproductive bats are present, safely exclude the bats from the building before proceeding with the work.
- If a maternity colony is observed during the surveys, the demolition of the batoccupied building shall not be conducted during the maternity season. Demolition shall occur between October 15 and February 1 to avoid impacts to maternity colonies.

These project aspects, the incorporation of the previously adopted Mitigation Measures, Service Plan guidelines, and incorporation of the mitigation measure listed above is adequate to reduce the effect on the biological resources associated with the project to a less than significant level.

- d) The project will not result in construction of barriers that impede fish passage or movement of wildlife.
- e) The project does not conflict with local policies or ordinances.
- f) The project site is not subject to a Habitat Conservation Plan, Natural Conservation Community Plan or other habitat conservation plan.

⁷ Bat Inventory Survey, 2000. Heady, Paul and Frick, Winifred

V.	(CULTURAL RESOURCES	Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impact</u>
Woul	ld tl	ne project:				
	a)	Cause a substantial adverse change in the significance of a historical resource?				
	b)	Cause a substantial adverse change in the significance of a unique archaeological resources (i.e., an artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it contains information needed to answer important scientific research questions, has a special and particular quality such as being the oldest or best available example of its type, or is directly associated with a scientifically recognized important prehistoric or historic event or person)?		\boxtimes		
	c)	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		\boxtimes		
	d)	Disturb any human remains, including those interred outside of formal cemeteries?				

Discussion:

The cultural resources impacts of the project were considered in the EIR. These impacts were discussed on pages DEIR-IV-J-1 through 10, and are summarized in the Mitigation Monitoring Plan on pages FEIR-VII-28 and 29. These Measures incorporate the Standard Protocol for Unexpected Discovery of Archaeological and Paleontological Cultural Materials contained in the DEIR. They also incorporate application of the Native American Burial Plan contained in the DEIR. The EIR concluded that there would be no significant impacts to cultural resources if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan guideline G.6.30 and as Service Plan implementation actions G.6Q(i) through G.6S(i). Incorporation of these previously adopted Measures ensures that potential impacts to cultural resources associated with this project are reduced to a less than significant level. This conclusion is supported by the project-specific factors discussed below.

a) The project includes the demolition and removal of the True residence, two trailers, outbuildings that are not necessary for on-going grazing operations, debris, and equipment in a state of disrepair, all originating in the last thirty years, a time frame not considered to be historic. Local, state, and federal inventories list no historic properties on the project site⁸. There is no evidence that historically significant events occurred on the site, or historically significant persons inhabited the site.

⁸ California Historic Resources Information System, Northwest Information Center, Sonoma State University, February 7, 2008.

b) & The project area contains one reported Native American prehistoric habitation site, CA-SMA 859. The primary source of risk to this site is through vandalism. Pursuant to District practice, the site will not be shown on public maps or otherwise disclosed. No actions will result from this project that would impact this site. It is unlikely that routine ranger patrol or continuation of the livestock grazing operation will result in the discovery of other sites. In the event that discovery did occur, the protocols contained in the previously adopted Mitigation Measures

would reduce the potential impact to a less-than-significant level.

d) It is unlikely that the project, comprised of routine ranger patrol and continuation of the livestock grazing operation, will result in the discovery of human remains.

VI. (CEO	LOGY AND SOILS	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impac</u> i
Would t						
a)	Exp	ose people or structures to potential substantial erse effects, including the risk of loss, injury, leath involving:			\boxtimes	
	i)	Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			\boxtimes	
	ii)	Strong seismic ground shaking?			\boxtimes	
	iii)	Seismic-related ground failure, including liquefaction?				
	iv)	Landslides?			\boxtimes	
b)		ult in substantial soil erosion or the loss of soil?				
c)	wou and late	located on strata or soil that is unstable, or that ald become unstable as a result of the project, potentially result in on- or off-site landslide, ral spreading, subsidence, liquefaction, or apse?			\boxtimes	
d)	Tab	located on expansive soil, as defined in le 18-1-B of the Uniform Building Code, tting substantial risks to life or property?			\boxtimes	

Galifornia Historic Resources Information System, Northwest Information Center, Sonoma State University, February 7, 2008.

e)	Have soils incapable of adequately supporting the			
	use of septic tanks or alternative wastewater			
	disposal systems where sewers are not available			
	for the disposal of wastewater?		\boxtimes	
	_			

Discussion:

The geology and soils impacts of the project were considered in the EIR. These impacts were discussed on pages DEIR-IV-K-1 and 2, and are summarized in the Mitigation Monitoring Plan on page FEIR-VII-30. The EIR concluded that there would be no significant impacts related to geology and soils if all recommended mitigation measures were adopted. The proposed Mitigation Measures were adopted as Service Plan implementation actions G.6T(i), G.6U(i), and G.6U9i). Although these previously adopted Mitigations apply to the project, given the project-specific factors discussed below, the potential impacts to geology and soils associated with this project are already reduced to a less than significant level even without the Mitigations.

a)

- i) The major active faults in the vicinity of the project site are the San Andreas and San Gregorio faults, which are located approximately 4 miles northeast and 5 miles southwest, respectively ¹⁰, ¹¹. The La Honda fault passes approximately one mile to the southwest of the project site, trending from the northwest to the southeast. There is potential for on-site fault rupture or severe ground shaking during a large-magnitude earthquake. Such an event could affect roads, utilities, and structures, temporarily disrupting service and potentially rendering the existing residences uninhabitable. The project would not result in the construction of new facilities that would expose people or structures to impacts from existing geologic conditions. In some areas, the existing temporary tenant and docent-led trail users could be subject to small landslides or falling trees during severe seismic events. These risks are considered negligible and highly unlikely in an open space area.
- ii) Portions of the project site are considered areas of high landslide susceptibility by San Mateo County¹². Portions of numerous deep-seated landslides underlie the property as shown on USGS maps. The project will result in the preservation of the site as permanently protected open space, and will not result in construction of new facilities or other actions that could increase public expose to geologic hazards. In some areas, the existing tenant and docent-led trail users could be subject to small landslides or falling trees during severe seismic events. These risks are considered negligible and highly unlikely in an open space area.
- iii) Earthquake-induced ground failure can result in liquefaction, densification, lurching, and lateral spreading of soils. These hazards are usually associated with unconsolidated alluvial soils. The project site is largely underlain with Mindego basalt, and Monterey and Lambert shales. Potential for these hazards to occur on the project site is minimal given the nature of these deposits.

Digital Images of Official Maps of Alquist-Priolo Earthquake Fault Zones of California, Central Coast Region. California Department of Conservation, Division of Mines and Geology, 2000.

Brabb, Graymer, Jones. Geologic map and map database of the Palo Alto 30' X 60' quadrangle, California. US Department of the Interior, US Geologic Survey, 2000.

¹² Natural Hazards Map (Map 15.1M), General Plan, County of San Mateo, 1986.

- iv) See response to (ii) above.
- b) The soils on the property are primarily loams and clay loams on moderately steep to very steep slopes. Erosion hazard ratings for these soils are characterized as moderate to high, based largely on slope ¹³. The project would continue grazing use of the property, which has potential to increase soil erosion if livestock are allowed to overgraze and create areas denuded of vegetation. The *Interim Rangeland Management Plan* establishes conservative livestock stocking rates for the property to ensure adequate vegetative cover and to prevent overgrazing. Fences, dense vegetation, and steep, rugged slopes prevent livestock access to most of the perennial streams, reducing the potential for sedimentation into watercourses. Potential impacts to streams and other water resources are further described in the Hydrology section of this document.

In general, the existing ranch roads and trails that access the property are in good condition and do not show signs of substantial soil erosion. The roads have been well maintained by the former landowner and will continue to be maintained in a similar fashion, with the addition of minor erosion and sediment control maintenance as outline in Attachment C. These features, which include road outsloping, drain dips, and gravel resurfacing, would have a beneficial effect by reducing soil erosion below the baseline level.

- c) The project site is underlain by portions of numerous landslides as depicted on USGS geology maps ¹⁴. The project would not result in the construction of new facilities or changes in land use, thus the underlying strata would not become unstable as a result of project-related activities.
- d) The project will not result in the construction of new facilities that could be damaged as a result of expansive soils.
- e) The project will not result in the construction of new facilities requiring septic tanks or other wastewater facilities.

VII. Woul		HAZARDS AND HAZARDOUS MATERIALS he project:	Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impac</u>
	a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			\boxtimes	
	b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		\boxtimes		
	c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste				

¹³ Soil Survey, San Mateo County, California. U.S.D.A. Soil Conservation Service, 1961.

Brabb, E.E., Graymer, R.W., and Jones, D.L. Geologic map and map database of the Palo Alto 30' X 60' quadrangle, California. US Department of the Interior, US Geologic Survey, 2000.

	school?			\boxtimes
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			\boxtimes
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?			\boxtimes
f)	For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?		\boxtimes	
g)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?		\boxtimes	
h)	Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?		\boxtimes	

Discussion:

The impacts of the project on hazards and hazardous materials were considered in the EIR. These impacts were discussed on pages DEIR-IV-D-1 through 7, and are summarized in the Mitigation Monitoring Plan on pages FEIR-VII-14 through 16. The EIR concluded that there would be no significant impacts associated with hazards and hazardous materials if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan guidelines G.6.7 through G.6.9 and as Service Plan implementation actions G.6.F, G.6.G, G.6.H, and G.6.L, and are therefore incorporated into the project. The discussion below considers specific information concerning this project not considered in the EIR that could have the potential to cause a significant impact associated with hazards and hazardous materials.

- a) The proposed project does not include the routine transport, use, or disposal of hazardous materials that would result in a significant hazard. Small quantities of common pesticides used in grazing operations will be occasionally applied. Applications will be in compliance with all applicable regulations, will be de minimis in nature, and will not create any significant hazard.
- b) During the purchase of the property, POST, the current property owner, contracted with an environmental firm to prepare a Phase I Environmental Site Assessment and Phase II Investigations

Report ("Phase I / Phase II Report"). ¹⁵ The Phase I / Phase II Report identified several areas of potential environmental concern on the property, the primary site being the corral area where spraying of cattle with chemicals to control pests may have occurred. The other identified area of concern is an unpermitted landfill located near the True residential structure (which itself is proposed for demolition). The investigations indicate that residual chemicals consistent with organochlorine pesticides are present in the soil at the corral at levels exceeding current California Regional Water Quality Control Board, Region 2 ("RWQCB"), Environmental Screening Levels ("ESLs") and California Environmental Protection Agency, Department of Toxic Substances Control, California Human Health Screening Level. Lead and petroleum hydrocarbon impacted soils are present in the landfill at levels exceeding current RWQCB ESLs.

In addition to the contaminants discussed above, numerous buildings and structures exist on the site which, given the ages of the various structures, suggest that a potential exists for the presence of asbestoscontaining materials and lead paint associated with these structures.

Hazardous materials and waste are present on the project site at levels exceeding regulatory guidelines. Remediation to concentrations below target health risk levels is not part of this project. Although the purchase documentation anticipates removal of the landfill from the site unless an alternative treatment is agreed upon, by separate letter, POST's engineering consultant also indicated that there are alternative methods to adequately treat the landfill in compliance with applicable regulations to avoid any significant environmental effects, including treatment and remediation of the landfill in-place ¹⁶ (i.e. not remove from the site.) Specific remediation plans cannot be developed until considerable additional investigation and agency consultation has been completed. It is not possible to evaluate the environmental effects of remediation at this time, since a number of remediation options are feasible, and to select a particular option for analysis would be speculative. Furthermore, additional approvals both by the District Board and the appropriate regulatory agency are required before selecting a treatment option. All remediation would be conducted in accordance with the Service Plan and applicable local, state, federal laws, including further environmental review under CEQA. The following potential impacts and mitigations are intended to address potential impacts that may occur prior to site remediation actions taking place.

Impact HAZ-1: Ongoing use of the property could create a health hazard to site workers and the environment due to exposure of hazardous materials prior to complete remediation of the site.

As discussed above, several contaminants are known to occur in levels exceeding state regulatory guidelines within the soils on the project site as well as potentially in various structures on the project site. The current grazing lease includes the areas identified as containing contaminated soils on the site. Neither cattle nor site workers are currently excluded from these areas. Ongoing activities in these areas could expose site workers to unremediated areas during routine site use. Unless properly managed, human exposure to contaminants in the soil could occur through inhalation of soil particles or dust containing elevated concentrations of metals, petroleum products or other volatile compounds, organochlorine pesticides, or asbestos; or from direct contact with contaminants, posing a human health risk.

Erler & Kalinowski, Inc., Phase I Environmental Site Assessment and Phase II Investigations Report: Mindego Ranch Property, 300 Alpine Road, La Honda, California, October 3, 2007.

¹⁶ Letter dated February 14, 2008 regarding Possible Options for Addressing Landfill, Erler and Kalinowski, Inc.

Mitigation HAZ-1a: The District shall restrict access and disturbance to the areas containing hazardous materials.

Until such a time as the contaminated areas are remediated to levels below target health risk levels or further investigations show that no exposure pathways exist, access to contaminated areas will be restricted through the use of site access controls. These will include the following:

- Securing the site with fencing or other barriers of sufficient height and structural integrity to prevent unauthorized pedestrian, vehicular, or stock animal access.
- Posting "no trespassing" and "area closed" signs.
- Providing on-site meetings with site workers to inform them about security measures and reporting/contingency procedures.
- Prohibiting digging, excavating, or otherwise disturbing areas of known contamination.

Mitigation HAZ-1b: Preparation of a Site Management Plan

Prior to the remediation of property contamination, prepare of a Site Management Plan (SMP) for any proposed construction activities in areas identified as containing hazardous materials. The SMP shall provide site-specific information for contractors (and others) to improve their management of environmental and health and safety contingencies. Topics covered by the SMP shall include, but not be limited to:

- Land use history, including known hazardous material use, storage, disposal, and spillage, for specific areas within the Project site.
- The nature and extent of previous environmental investigation and remediation at the Project site
- The nature and extent of ongoing remedial activities and the nature and extent of unremediated areas of the Project site.
- A listing and description of institutional controls, such as the County's grading ordinance and other local, State, and Federal laws and regulations, that will apply to development of the Project site.
- Requirements for site-specific Health and Safety Plans (HASPs) to be prepared by all contractors at the Project site. The HASPs should be prepared by a Certified Industrial Hygienist and would protect construction workers and interim site users adjacent to construction activities by including engineering controls, monitoring, and security measures to prevent unauthorized entry to the construction site and to reduce hazards outside the construction site. The HASPs would address the possibility of encountering subsurface hazards and include procedures to protect workers and the public. If prescribed exposure levels were exceeded, personal protective equipment would be required for workers in accordance with applicable regulations.
- A description of protocols for the investigation and evaluation of previously unidentified
 hazardous materials that may potentially be encountered, including engineering controls that
 may be required to reduce exposure to construction workers and future users of the Project
 site.

These two mitigation measures are adequate to reduce the impact associated with the hazardous materials found on the property to a less than significant level.

Impact HAZ-2: Demolition or renovation of existing buildings or removal of asbestos-containing materials could release lead dust and asbestos fibers, potentially affecting site workers.

Impact HAZ-2 is identical to impact AIR-1 and the impact is discussed in the Air Quality section of the document. Incorporation of Mitigation AIR-1 is sufficient to reduce the impact associated with the removal of asbestos and lead paint as part of the project to a less than significant level.

- c) The nearest school is the La Honda Elementary School, located at the end of Sears Ranch Road in the town of La Honda, approximately 3.0 miles west of the nearest area of contamination on the project site. The San Francisco Log Cabin Boy's Ranch, a facility of the San Francisco Juvenile Corrections Department located off of Alpine Road, is about 1.75 miles west of the nearest area of contamination. The San Mateo County Honor Camp, also located off of Alpine Road, is about 2 miles west ¹⁷. All are well separated by topographic barriers.
- d) The site of the proposed project is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5¹⁸.
- e) The proposed project would not be located within an airport land use plan area, or within two miles of an airport. ¹⁹
- f) A private airstrip is located approximately 1.25 miles northwest of the Mindego Ranch property, off of Langley Hill Road. The runway approach angles at a northeast/southwest direction, with Langley Hill impeding low altitude air traffic toward the property. The proposed project essentially maintains the existing environment for open space and agricultural purposes in a manner similar to the existing baseline, and consequently would not result in a safety hazard to residents or workers²⁰.
- g) Refer to discussion of emergency access under Public Services. The project would not interfere with an adopted emergency response plan.
- h) The Project site is located within an area characterized by CDF as a "wildland area that may contain substantial forest fire risks and hazards". This classification requires that property owners, including the District, maintain a firebreak along property lines, and adjacent to all buildings and structures. The ongoing grazing operation on the Project site reduces the fire risk through reduction in wildland fire fuels.

The District actively participates in a cooperative relationship with the California Department of Forestry (CDF), San Mateo County, and other agencies and volunteer fire companies in order to ensure that the agencies and organizations work closely to respond to fire incidents and medical emergencies. District staff supplement and assist other public service providers, which is discussed in the Final EIR/Response to Comments for the Service Plan.

	Less Than		
	Significant		
Potentially	With	Less Than	
Significant	Mitigation	Significant	No
Impact	Incorporation	Impact	Impaci

VIII. HYDROLOGY AND WATER QUALITY

Would the project:

¹⁷ USGS 7.5" La Honda quadrangle.

Department of Toxic Substances Control. DTSC's Hazardous Waste and Substances Site List (Cortese List), San Mateo County. 2008.

http://www.dtsc.ca.gov/database/Calsites/Cortese_List.cfm

¹⁹ San Mateo County General Plan, 1986.

²⁰ Google Earth, viewed 2/13/2008.

a)	Violate any water quality standards or waste discharge requirements?			
b)	Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there should be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?			\boxtimes
c)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	\boxtimes		
d)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off- site?	\boxtimes		
e)	Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?			\boxtimes
f)	Otherwise substantially degrade water quality?	\boxtimes		
g)	Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?			
h)	Place within a 100-year flood hazard area structures which would impede or redirect flood flows?		\boxtimes	
i)	Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?		\boxtimes	\boxtimes
j)	Inundation of seiche, tsunami, or mudflow?		\boxtimes	

Discussion:

The impacts of the District's Service Plan on hydrology and water quality were considered in the EIR. These impacts were discussed on pages DEIR-IV-H-1 through 8, and are summarized in the Mitigation

Monitoring Plan on pages FEIR-VII-20 through 22. The EIR concluded that there would be no significant impacts to hydrology and water quality if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan guidelines G.6.16 through G.6.19 and as Service Plan implementation action G.6k. Incorporation of these previously adopted Measures ensures that potential impacts to hydrology and water quality associated with this project are reduced to a less than significant level. This conclusion is supported by the project-specific factors discussed below.

a), c), No actions are planned as part of the project that could violate water quality standards or waste
 & f) discharge requirements, would result in substantial erosion or siltation on- or off-site, or otherwise substantially degrade water quality.

Nutrient and pathogen pollution from livestock animal waste can result from rangeland grazing, but most often occurs when livestock are confined and animal waste is concentrated as, for example, is often the case with dairy operations. As discussed in the Agricultural Resources section, the grazing prescriptions contained in the *Interim Rangeland Management Plan* set conservative livestock stocking rates, and would shift the current year-round grazing operation to a seasonal operation. The current grazing operation relies upon natural vegetation barriers and some fencing to keep livestock out of the two major streams that cross the property. The District would monitor livestock behavior to determine locations where cattle frequent for watering, assessing any natural resource impacts at these sites, including any water quality impacts. To avoid such impacts the District would install watering troughs at alternate locations and control cattle access to lakes, ponds, and creeks using gates and fencing as needed.

The project site is located within the Santa Cruz Mountains, where characteristically heavy rainfall in the winter season can result in large volume flows through creeks and drainages. Roads and trails that are not properly designed and maintained could cause substantial erosion or siltation on- or off-site. As stated in the Geology and Soils section of this document, in general ranch roads and trails are in good condition and do not show signs of significant soil erosion. The proposed Preliminary Use and Management Plan calls for maintaining existing roads to the ranch compound in serviceable, year-round condition, and maintaining the remaining existing roads for seasonal use. This would include winterizing roads on an annual basis, and conducting maintenance in accordance with the road and trail maintenance practices set forth in the Service Plan and accepted rural road maintenance practices within the Santa Cruz Mountains range.

Overall, the project should be beneficial to water quality through protection of the watersheds within the project area as permanent open space, and through application of Service Plan guidelines and improved rangeland management practices. These project aspects, together with the incorporation of the previously adopted Mitigation Measures, are adequate to reduce the potential effects on the water quality of the project area to a less than significant level.

- b) There are no wells serving the project site, and the project would not involve the pumping of groundwater. Water is currently supplied to the residences from a series of improved springs. Domestic water use will likely be reduced from the baseline with the departure of the existing year-round occupants of the two houses and two trailers. Cattle stocking levels will be reduced as well.
- d) & The project would not substantially alter the existing drainage pattern of the area in a manner that would result in flooding on- or off-site. Existing trails, roads and parking areas would not be covered in impervious surfaces such as asphalt. Gravel would be used as needed to resurface

or maintain existing roads and parking areas. The project would not place any structures within a 100-year floodplain that might impede or redirect flood flows, however culverts or other drainage structures may be installed to minimize erosion or restore riparian and aquatic habitat. Culverts shall be designed so that they do not limit the ability of debris to pass. Drainage structures over watercourses shall be placed to minimize disturbance. Maintenance of culverts and drainage structures would be performed as needed to ensure proper functioning. These project aspects, together with the incorporation of the previously adopted Mitigation Measures and the application of Service Plan guidelines are adequate to reduce the potential effects on the hydrology of the project area to a less than significant level.

- e) No existing or planned storm water drainage systems occur on or near the project site. No actions are planned as part of this project that would create or contribute runoff water in excess of the baseline condition.
- g) No new housing is proposed as part of this project.
- i) The project would not create any conditions that would increase the exposure of people to flooding risks.
- j) The project would not create any conditions that would increase the exposure of people or structures to inundation of seiche, tsunami, or mudflow.

IX. 1	LAND USE AND PLANNING	Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impaci</u>
Would t	he project:				
a)	Physically divide an established community?				
b)	Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?			\boxtimes	
c)	Conflict with any applicable habitat conservation plan or natural communities conservation plan?				\boxtimes

Discussion:

The impacts of the District's Service Plan on land use and planning were considered in the EIR. These impacts were discussed on pages DEIR-IV-A-1 through 13, FEIR-II-9 and 10, and are summarized in the Mitigation Monitoring Plan on pages FEIR-VII-2 and 3. In addition, Mitigation Measure AGR-3f is relevant to land use and planning. The EIR concluded that there would be no significant impacts related to land use and planning if all Mitigation Measures were adopted. The Mitigation Measures were adopted as Service Plan policy P.2 and Service Plan guideline G.6.4. These previously adopted Measures ensures that potential impacts to land use and planning associated with this project are reduced to a less than significant level. This conclusion is supported by the project-specific factors discussed below.

- a) The community of La Honda is located approximately one mile to the west of the project site. Because the proposed project would be an extension of an existing open space preserve, and is located in an rural area used primarily for agriculture, timber production, grazing, and open space uses, the proposed project would not divide an established community.
- b) The proposed project site is designated as General Open Space and Timber Protection by the San Mateo County General Plan. The purpose of the General Open Space land use designation is to ensure maintenance of open space character and protection of natural resources, and generally to direct new development to existing rural service centers. The purpose of the Timber Production designation is to protect productive timber resources. The proposed project will result in permanent protection of the site for open space, compatible agriculture, and natural resource management, which is consistent with these General Plan designations.

Use and management of the site as an open space preserve with on-going livestock grazing operations is also consistent with the County's Resource Management (RM) and Timber Preserve Zone (TPZ) zoning designations. The project proposes to use the property for habitat and watershed management, livestock raising and grazing, and docent-led low intensity recreation, all compatible uses within the RM and TPZ Zoning Districts²¹.

The project includes operating and managing the property in conformity with the provisions of the Service Plan for the Coastside Protection Program. The San Mateo Coastal Annexation Area – Service Plan, adopted by the District in June 2003 and approved by the San Mateo County Local Agency Formation Commission in 2004, sets forth guidelines to help inform the District's decision-making and delivery of District services within the coastal annexation area in which the subject parcel is located.

c) The proposed project does not contain areas subject to a habitat conservation plan or natural communities conservation plan.

X. Would	MINERAL RESOURCES I the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impaci</u>
Would					
ć	Result in the loss of availability of a known mineral resource classified MRZ-2 by the State Geologist that would be of value to the region and the residents of the state?				\boxtimes
1	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				\boxtimes
Discus	sion:				

²¹ San Mateo County Zoning Regulations, Environmental Services Agency, Planning and Building Division, San Mateo, California, 1999.

The impacts of the project on mineral resources were considered in the EIR. As described on page DEIR-I-3, the project was found not to have potential environmental impacts on mineral resources. Given the project-specific factors discussed below, this conclusion is also applicable to the proposed project.

- a) Mineral Resource Zone-2 (MRZ-2) indicates the existence of a deposit that meets certain criteria for value and marketability. The project site is not located in a designated MRZ-2 area.²²
- b) The San Mateo County General Plan identifies the occurrence of limestone within the southeastern corner of the property.²³ The area is not currently used as a mineral resource recovery site. No other mineral resources are identified on the property.

		Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impact</u>
XI.	NOISE				
Would	the project result in:				
а	Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				\boxtimes
t	Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				\boxtimes
C	A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				\boxtimes
Ċ	A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?				\boxtimes
e	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport of public use airport, would the project expose people residing or working in the project area to excessive noise levels?				\boxtimes
f	For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				\boxtimes

MC Stinson, MW Manson, and JJ Plappert. Mineral Resource Zones and Resource Sectors: San Francisco and San Mateo Counties. SR-146, Plate 2.3. California Geological Survey, 1985.

²³ San Mateo County General Plan, Environmental Services Agency, Planning and Building Division, San Mateo County, CA, 1986.

Discussion:

The potential noise impacts of the District's Service Plan, and the impact of noise on the District's delivery of services, were considered in the EIR. As described on pages DEIR-IV-E-1 through 4, the EIR concluded that there would be no noise impacts on the environment, and no impacts from exposure of persons to noise. Given the project-specific factors discussed below, this conclusion is also applicable to the proposed project.

- a), c), The nature of the proposed project avoids changes to the noise setting. The project site is and d) not located within a noise impact area as designated by San Mateo County²⁴.
- b) The project would not expose persons to excessive groundborne vibration or groundborne noise levels.
- e) The proposed project is not located within an airport land use plan or an area with two miles of a public use airport ²⁵.
- f) The proposed project is not located within the vicinity of a private airstrip²⁶.

	POPULATION AND HOUSING he project:	Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impac</u>
a)	Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	П	П	П	\boxtimes
b)	Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				
c)	Displace substantial numbers of people necessitating the construction of replacement housing elsewhere?				\boxtimes

Discussion:

The impacts of the District's Service Plan on population and housing were considered in the EIR. As described on page DEIR-I-3, the EIR concluded that there would be no population and housing impacts. Given the project-specific factors discussed below, this conclusion is also applicable to the proposed project.

²⁴ San Mateo County General Plan, Community Noise Map, 16.1M

San Mateo County General Plan, Environmental Services Agency, Planning and Building Division, San Mateo County, CA, 1986.

²⁶ Google Earth, viewed February 5, 2008.

- a) The project consists of the permanent preservation of open space and the continuation of existing livestock grazing operations. No actions will result from the project that would induce significant population growth in the area.
- b) & The proposed project would not displace substantial numbers of existing housing units or
- c) persons, given that it is situated in a rural area. The True lease will expire on its own terms in October 2008, whether or not this project is approved. Therefore, the project will not displace substantial numbers of housing units or persons.

	substantial numbers of housing units or persons.				
XIII. I	PUBLIC SERVICES	Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impact</u>
Would t	the project:				
a)	Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
	Fire protection?			\boxtimes	
	Police protection?				
	Schools?				\boxtimes
	Parks?				\boxtimes
	Other public facilities?				\boxtimes

Discussion:

The impacts of the District's Service Plan on public services were considered in the EIR. These impacts were discussed on pages DEIR-IV-C-1 through 11, FEIR-II-28 through 38, and are summarized in the Mitigation Monitoring Plan on page FEIR-VII-13. The EIR concluded that there would be no significant impacts related to public services if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan guidelines G.6.5 and G.6.6 and as Service Plan implementation action G.6.E(i). These previously adopted measures ensure that potential impacts to public services associated with this project are reduced to a less than significant level. This conclusion is supported by the project-specific factors discussed below.

Fire Protection and Emergency Access: The project is expected to decrease fire hazards and increase fire protection services on the project site both through patrol and maintenance by District staff equipped and trained for wildlife fire suppression, and through implementation of Service Plan policies and Mitigation Measures. The project's interim conservation grazing program will also serve fuel management purposes. Per the Service Plan, the District has purchased a 2,000-gallon water tender truck for road and trail maintenance and fire suppression. The road system on the property would be maintained

by District staff, providing fire and emergency vehicle access. The project site will remain closed to the public until a Comprehensive Plan is prepared.

The project site is located in the Coastside Protection Area and is subject to the existing *Agreement Between San Mateo County and the Midpeninsula Regional Open Space District (Regarding Fire Services)*. As part of this agreement, the District pays to San Mateo County Fire Department an annual fee for fire services that are not currently provided within the State Responsibility Area of CalFire.

Police Protection: District rangers are licensed peace officers, and will routinely patrol the property. Because the project site will remain closed to the public until a Comprehensive Plan is approved, the project is not expected to result in additional need for police protection services.

Schools: The proposed project would permanently protect the Mindego Ranch property for open space and agriculture, and therefore would not directly or indirectly generate any residents above the current baseline level. The proposed project would therefore not impact nearby schools or create a need for new school facilities.

The project site is located within the Coastside Protection Area and the La Honda-Pescadero Unified School District (LHPUSD) and is therefore subject to an agreement between the District and the LHPUSD. The purpose of the agreement is to further the District's support of environmental education and to ensure that LHPUSD will be compensated for the potential loss of any property tax revenue associated with District land purchases within the School District boundary.

Parks: The proposed project would permanently protect the property for open space and agriculture, and therefore would not directly or indirectly generate any residents above the current baseline level. Therefore, the project would not result in impacts to other park facilities or park service providers.

Other Public Facilities: The proposed project would permanently protect the property for open space and agriculture, and therefore would not directly or indirectly generate any other public facility needs above the current baseline level. The agricultural operation anticipated as part of the project would be substantially the same as the baseline condition. Water use would be conducted in accordance with existing water rights.

XIV. I	RECREATION	Potentially Significant <u>Impact</u>	Less Than Significant With Mitigation Incorporation	Less Than Significant <u>Impact</u>	No <u>Impac</u>
a)	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				\boxtimes
b)	Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				\boxtimes
Discussio	on:				

The impacts of the District's Service Plan on recreation were considered in the EIR. As described on page DEIR-IV-A-12, the EIR concluded that no impact or less than significant impacts to recreational resources. Given the project-specific factors discussed below, this conclusion is also applicable to the proposed project.

a) and The project site would become an addition to the adjacent Russian Ridge Open Space

b) Preserve, and does not include construction or expansion of recreational facilities. The site would remain closed to the public excepting limited docent-led hikes and very limited POST donor recognition visits.

XV.	TRANSPORTATION / TRAFFIC	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impact</u>
	the project:				
	Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume-to-capacity ratio on roads, or congestion at intersections?			\boxtimes	
ł	Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?				\boxtimes
C	Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				\boxtimes
C	Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				\boxtimes
ϵ	Result in inadequate emergency access?			\boxtimes	
f) Result in inadequate parking capacity?			\boxtimes	
٤	c) Conflict with adopted policies supporting alternative transportation (e.g., bus turnouts, bicycle racks)?				\boxtimes

Discussion:

The impacts of the District's Service Plan on traffic were considered in the EIR. These impacts were discussed on pages DEIR-IV-C-1 through 11, FEIR-II-34 through 36, and are summarized in the Mitigation Monitoring Plan on page FEIR-VII-13. The EIR concluded that there would be no significant impacts related to traffic if all recommended mitigation measures were adopted. The proposed Mitigation

Measures were adopted as Service Plan guidelines G.6.5 and G.6.6 and as Service Plan implementation action G.6.E(i). Although these previously adopted Mitigations apply to the project, given the project-specific factors discussed below, the potential impacts to transportation and traffic associated with this project are already reduced to a less than significant level even without the Mitigations.

- a) The project site will remain closed to the general public per the proposed Preliminary Use and Management Plan. Routine ranger patrol and District maintenance crews traveling to and from the project site will not generate significant traffic impacts beyond the existing baseline level which accounts for two residences and two trailers occupied year round. The project will therefore not result in conditions that will cause a substantial increase in traffic.
- b) No actions are proposed as part of this project that would result in traffic exceeding the level of service standard identified in the San Mateo County Congestion Management Plan.
- c) The project will not result in changes to air traffic patterns.
- d) No actions are proposed as part of this project that would result in substantially increased hazards to a design feature beyond the existing baseline level.
- e) The existing ranch roads that access the project site are more than sufficient to allow for emergency vehicle access to all but the most remote portions of the property.
- f) No actions are proposed as part of this project that would require additional parking capacity onsite. Sufficient level area exists to safely accommodate vehicles and equipment that would be associated with a livestock grazing lease operation, District resource management activities, and occasional small group hikes lead by District staff and volunteer docents, and very limited POST donor recognition visits. The parking needs for this low level of use will be met by the 3-4 car temporary parking area on the Mindego Trail as discussed in the Project Description.
- f) The project will not conflict with adopted policies supporting alternative transportation.

XVI. U	UTILITIES AND SERVICE SYSTEMS	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impact</u>
Would t	he project:				
a)	Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				\boxtimes
b)	Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				\boxtimes
c)	Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			\boxtimes	

d)	Are sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?		\boxtimes
e)	Has the wastewater treatment provider which serves or may serve the project determined that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?		\boxtimes
f)	Is the project served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?		\boxtimes
g)	Comply with federal, state, and local statutes and regulations related to solid waste?		\boxtimes

Discussion:

The impacts of the District's Service Plan on utilities and service systems were considered in the EIR. These impacts were discussed on pages DEIR-IV-C-1 through 11, FEIR-II-28 through 33, and are summarized in the Mitigation Monitoring Plan on page FEIR-VII-13. The EIR concluded that there would be no significant impacts related to utilities and service systems if all recommended Mitigation Measures were adopted. The proposed Mitigation Measures were adopted as Service Plan guidelines G.6.5 and G.6.6 and as Service Plan implementation action G.6.E(i). Although these previously adopted Mitigations apply to the project, given the project-specific factors discussed below, the potential impacts to utilities and service systems associated with this project are already reduced to a less than significant level even without the Mitigations.

- a) The residences on site rely on septic systems to handle wastewater. The septic system associated with the True residence, slated for demolition, will be removed. For those buildings to remain (the old True Residence and the Giandrea cabin) the septic system will be retained and maintained. The project will not result in the generation of new sources of wastewater.
- b) The project does not include construction or development of new facilities that would require new water or wastewater treatment facilities. Existing spring water supplies are sufficient to provide drinking water for the livestock.
- c) The project would not require construction of new storm water drainage facilities. Implementation of roadway erosion and sediment control measures identified in Attachment C (part of the proposed Preliminary Use and Management Plan) will reduce and avoid sources of erosion and sedimentation on the project site.
- d) Existing water supplies are sufficient to meet the needs of a livestock grazing operation and domestic water use. No additional entitlements or water rights are necessary.
- e) The project would not require a wastewater treatment provider.
- f) The project would continue livestock grazing operations and at most de minimis residential use, and will not result in creation of additional sources of waste that require disposal at a landfill.

g)	Th	e project would not generate new sources of waste be	yond the ba	seline conditi	on.	
			Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No <u>Impact</u>
XVI	I. N	MANDATORY FINDINGS OF SIGNIFICANO	CE			
	a)	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				\boxtimes
	b)	Does the project have impacts that are individually limited, but cumulative considerable? ("Cumulative considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				\boxtimes
	c)	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?				\boxtimes
Disci	ıssi	on:				
a)	See	e Section IV, Biological Resources.				
b)	Th	e project will not result in significant cumulative impa	acts to the e	nvironment.		
c)	Hy	e Sections III, Air Quality; VI., Geology and Soils; VI drology and Water Quality; XI, Noise; XIII, Public So II, Public Utilities and Services.				

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ATTACHMENTS

ATTACHMENT A Mitigation Monitoring Plan, San Mateo Coastal Annexation

Final Environmental Impact Report, Midpeninsula Regional

Open Space District, May 2003.

ATTACHMENT B Interim Rangeland Management Plan and Template Grazing

Lease

ATTACHMENT C Mindego Ranch Road Erosion and Sediment Assessment

Attachment A

Mitigation Monitoring Plan, San Mateo Coastal Annexation Final Environmental Impact Report, Midpeninsula Regional Open Space District, May 2003

Responses to Comments and Final Environmental Impact Report

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VII. Mitigation Monitoring Plan

In accordance with Section 15097(a) and (c) of the CEQA Guidelines, in order to ensure that the mitigation measures and project revisions identified in the EIR are implemented, the Midpeninsula Regional Open Space District shall adopt a program for monitoring or reporting on the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects.

The District will monitor all mitigation measures contained in the Mitigation Monitoring Plan. "Monitoring" is generally an ongoing or periodic process of project oversight. All mitigation measures will be implemented by appropriate District personnel or Department. All mitigation measures will be incorporated into the Final Service Plan.

The following table lists the Impacts, Mitigation Measures, Timing of the Mitigation Measure (when the measure will be implemented), and the Department responsibility for ensuring that the mitigation measure will be implemented. Changes to DEIR text is shown as either <u>underline</u> where new or <u>strikeout</u> where deleted.

Table V-1 Mitigation Monitoring Plan

Impact	Measure	Timing	Monitoring Responsibility— District Department
LAND USE			
adjacent to any property that the District may acquire within the Coastal Annexation Area could pose significant health hazards to future preserve users.	adjacent land uses (e.g., timber operations), trail structures such as fences, barriers, and signs shall be used to deter trail users from leaving the trail and encountering unsafe conditions. Temporary trail closures shall be employed	Prior to opening trails for public access; ongoing project oversight thereafter.	Operations
may acquire within the Coastal Annexation Area could pose significant health hazards to future preserve users. For example, timber harvesting could occur adjacent to future preserves, thereby causing potential hazards from	1. In areas where trail routes are immediately adjacent to private property, fencing shall be employed as necessary to deter users from leaving the trail. Specific fence, gate, and crossing designs will be determined in consultations with adjacent affected property owner(s) at the Use and Management Plan stage. 2. All new trails/facilities will be steed away from the edges of new preserves.	Trail design and siting prior to Board approval of Use and Management Plan ^{1,} and prior to opening trails for public access; ongoing project oversight thereafter.	Planning (design and siting) and Operations (closures, construction supervision, and ongoing oversight)

¹ The term "Use and Management Plan" here refers to any site Use and Management Plan, excepting the Preliminary Use and Management Plan, which is adopted at the time of acquisition and normally preserves the status quo site conditions pending adoption of a more detailed site Use and Management Plan for the property.

Impact	Measure	Timing	Monitoring Responsibility— District Department
	5. Trails shall be sited a minimum distance of 300 feet from occupied dwellings unless site-specific circumstances make this infeasible. Where a 300-foot setback is not feasible, trails shall be set back a minimum distance of 50 feet. Potential noise and privacy impacts must be evaluated for any subsequent District action and shall be reduced by use of berms, fencing, landscaping, and other feasible and compatible means, if necessary.		
the Draft Service Plan contains provisions for only the Coastal Area and does not include the Skyline Area.	modified to state:	Prior to Board approval of Final Service Plan	Planning

Impact AGRICULTURE	Measure	Timing	Monitoring Responsibility— District Department
Impact AGR-1: The Coastal Annexation Area contains Prime Farmland, Unique Farmland, and Farmland of Statewide Importance. Some parcels acquired by the District would likely contain lands with one or more of these designations. Acquisition of these lands by the District would not in and itself convert the lands	prime agricultural lands or on Unique Farmlands or Farmlands of Statewide Importance as shown on Farmland Mapping and Monitoring Program of the California Resources Agency that are being used for agricultural purposes. To implement this Mitigation Measure. In order to avoid conversion of Farmland to non agricultural use, the Draft Service Plan should be revised to provide that the ranger office/maintenance facility and the staging areas may not be located on prime agricultural lands or on Unique Farmlands or Farmlands of		Planning
		As to Service Plan revision prior to Board approval of Final Service Plan	
Annexation Area contains Prime Farmland, Unique Farmland, and Farmland of Statewide Importance. Some parcels acquired by the District would likely contain lands with one or more of these designations. Acquisition of these lands by the District would not in and itself convert the lands to non-agriculture use	of Statewide Importance as shown on Farmland Mapping and Monitoring Program of the California Resources Agency or traverse such lands in a manner that does not result in interference with agricultural activities or substantially reduce the agricultural potential of those lands. Owners and operators of active agricultural activities lands shall be consulted to identify appropriate routes on those lands they cultivate. The agricultural activities and the agricultural potential of traversed lands shall be protected and buffered	As to siting and design prior to Board approval of Use and Management Plan and prior to opening any trails to public access; project oversight thereafter	Planning (siting and design) Operations (construction supervision and ongoing oversight)
Annexation Area contains Prime Farmland, Unique Farmland, and Farmland of Statewide Importance. Some parcels acquired by the District	ordinance. This policy reads as follows: "Within the Coastal Annexation Area,	Prior to Final Se <i>rvice Plan</i> approval	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
Acquisition of these lands by the District would not in and itself convert the lands to non-agriculture use.			
Impact AGR-1: The Coastal Annexation Area contains Prime Farmland, Unique Farmland, and Farmland of Statewide Importance. Some parcels acquired by the District would likely contain lands with one or more of these designations. Acquisition of these lands by the District would not in and itself convert the lands to non-agriculture use.	The term "prime agricultural land" as used in this Plan means: a) All land which qualifies for rating as Class I or Class II in the U.S. Department of Agriculture Soil Conservation Service Land Use Capability Classification, as well as all Class III lands capable of growing artichokes or Brussels sprouts. b) All land which qualifies for rating 80-100 in the Storie Index Rating	Prior to Board approval of the Final Service Plan	Planning
Impact AGR-2: Subsequent to annexation, the District would likely acquire some parcels subject to Williamson Act contracts. Under the	S	Prior to Board approval of Se <i>rvice Plan</i>	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
Williamson Act, recreational and open space uses are allowable uses on lands subject to contract. District acquisition of Williamson Act lands for such uses would thus not conflict with the contract or related agricultural preserve designation.			
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	Guideline 3.2 in the <i>Draft Service Plan</i> should be modified to state: "Improvements or public uses located upon open space lands other than agricultureshall be located away from existing prime agricultural <u>lands and Unique Farmlands or Farmlands of Statewide Importance as shown on Farmland Mapping and Monitoring Program of the California Resources <u>Agency</u> toward areas containing non-prime agricultural lands, unless such location would not promote the planned, orderly, efficient use of an area. To the extent feasible, all All trails and other public facilities should be located so</u>	approval of Final Service Plan; as to siting and design, prior to approval of Use	Planning (siting and design) Operations (ongoing project oversight)
preserves within the Coastal Annexation Area may conflict with	Mitigation AGR-3b: The District shall provide private property signs where appropriate and provide trail users information regarding private property rights to minimize public/private use conflicts and trespassing. The District shall clearly sign trails adjacent to active agriculture and provide trail users with information regarding property rights to minimize trespassing and conflicts with agricultural users.	 Install private property signs immediately after acquisition. Install other signs prior to opening trails for public use. 	Operations
Impact AGR-3: Notwithstanding the	Mitigation AGL-3c: Trails shall either be located to avoid prime agricultural	Prior to Board	Planning (siting

Impact	Measure	Timing	Monitoring Responsibility— District Department
foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	on Farmland Mapping and Monitoring Program of the California Resources Agency or traverse such lands in a manner that does not result in interference	approval of Use and Management Plan, and prior to opening any trails to public access	
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	Mitigation AGL-3d: The District lands or easements that comprise the trail setting upon which trails are sited shall provide width sufficient for management and/or buffer space from adjacent uses so as not to preclude the viability of those uses. Buffers established to separate recreation and other open space uses from agricultural operations shall be designed and managed in accordance with the following standards: a) Buffers shall be designed in relation to the nature of the adjoining land use, potential land uses and proposed public access; b) Buffers shall be designed in relation to the topography and other physical characteristics of the buffer area; c) Buffers shall be designed with consideration of biological, soil, and other site conditions in order to limit the potential spread of non-native invasive species or pathogens onto agricultural lands; d) Buffers shall be of sufficient width to allow agricultural use of adjoining agricultural lands including application of pesticides and other agricultural chemicals on all lands needing treatment taking into account the likelihood and extent of potential pesticide drift;. e) All lands used for buffers should be on land or interests in land owned by the District; adjoining landowners shall not be required to provide land for buffers. f) The District shall be responsible for the management and maintenance of all lands used as buffers. g) If a specific buffer fails to resolve conflicts between a recreational use and	approval of Use and Management Plan, and prior to opening any trails to public access	

Impact	Measure	Timing	Monitoring Responsibility— District Department
	adjacent agricultural uses the recreational use shall be moved to a different location. All buffers shall be developed in consultation with the owners and operators of adjoining agricultural lands.		
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	control of noxious weeds, they must be handled, applied, and disposed of in such a manner that they do not adversely affect adjacent agriculture, including organic agriculture. Pesticide use shall be guided by label restrictions and any		Operations
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	such that they do not have an adverse significant impact on the physical and economic integrity of timberland preserves on or contiguous to properties		Planning (siting and design) Operations (ongoing project oversight)
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner	shall be subject to continued use by the owner or operator until such time as it is sold or leased pursuant to the use and management plan adopted for the property. All agricultural land which is not needed for recreation or for the protection and vital functioning of a sensitive habitat will be permanently protected for agriculture and, whenever legally feasible, the District will offer for sale or lease the maximum amount of agricultural land to active farm operators on terms compatible with the recreational and habitat use. Lands		

Impact	Measure	Timing	Monitoring Responsibility— District Department
that avoids such conflicts whenever feasible.	for sale while other agricultural lands will generally be offered for lease.	approval of Use and Management Plan; offer for sale or lease accordingly. Upon Board approval of Use and Management Plan	
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	ao follousos	approval of Final Service Plan.	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
	 (e.g., growing seasons, water requirements, pesticide, manure, and waste management) and the agricultural potential of the land. The plan shall consider the following factors: a) Availability of labor, including farm labor housing; b) Availability of farm support services and goods; c) Necessary capital improvements (e.g. water storage, fencing, land leveling) d) Farm operations, including erosion control, the season(s) and times of pesticide or herbicide usage, manure and waste management; e) Water use and availability; f) Access to transportation and markets; and g) Promoting agricultural production on District-owned land. ln the case of District lands adjacent to agricultural production, the agricultural production plan shall develop site-specific measures to prevent activities on District lands from interfering with adjacent agricultural production. The development of use and management plans will include consultation with the current owner or operator of any agricultural operations on the land, adjoining landowners, the San Mateo County Environmental Services Agency in addition to other include opportunities for public involvement. 		
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	follows:	Prior to Board approval of Final <i>Service Plan</i>	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
Impact AGR-3: Notwithstanding the foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not designed and managed in a manner that avoids such conflicts whenever feasible.	following policy: The District shall actively work with lessees of District lands and with the owners of land in which the District has an agricultural easement interest to:	Prior to Board approval of Final Service Plan; ongoing project oversight thereafter	Planning
foregoing policies that are a part of the project, future public recreation at new preserves within the Coastal Annexation Area may conflict with existing agricultural and timber uses on and adjacent to District lands if trails and other recreation areas are not	The District shall actively pursue opportunities to enter agricultural easements and leases with interested farmers and ranchers. All agricultural easements	Prior to Board approval of Final Service Plan; ongoing project oversight thereafter.	Planning and Acquisition (development of conforming easements and lease terms; seeking opportunities for such transactions)

Impact	Measure	Timing	Monitoring Responsibility— District Department
PUBLIC SERVICES & INFRASTRUCTI	JRE		
Impact PSI-1: Annexation and subsequent acquisition of land, absent further land use changes, would not affect traffic safety. Access to preserves eventually acquired after annexation could slightly increase use of winding, steep roads that could become hazardous depending on the amount and type (trucks, cars, motorcycles, etc.) of traffic.	access would create a hazard due to a design feature such as a sharp curve	Prior to opening lands for public access	Planning
Impact PSI-1: Significant hazards to pedestrians and equestrians could occur as a result of excessive speed of cyclists on trails.		Prior to opening trails for public access	Operations
Impact PSI-2: The lack of adequate emergency access would be a significant impact because it may preclude adequate response time by public safety agencies.	INITIDATION PSI-Z : The implementation Action G 6 E(1) Shall be added to the	Prior to Board approval of Final Service Plan	Planning (design), Public Affairs (maps), Operations (ongoing project oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
HAZARDS AND HAZARDOUS MATER	IALS		
Impact HAZ-1: Acquired lands may contain hazardous materials, such as leaking fuel storage tanks, agricultural chemicals, asbestos, or abandoned oil or gas wells. If such a site is not properly remediated, the public, including students at nearby schools, and the environment could be exposed to hazardous materials. Under certain circumstances, this exposure would be a significant impact.	Mitigation HAZ-1: The District shall also review local, state, or federal government hazardous sites lists prior to acquiring a property to determine if the area is a hazardous materials site. The following resources and agencies can be consulted: • Federal and state database information • Water Quality Control Board (San Francisco Bay Region) • San Mateo County Health Services Agency If a parcel is found to contain a hazardous materials site, trails, staging areas, or other facilities will not be constructed on the parcel until plans can be developed and implemented to either remediate the hazard or ensure that the public will not have access to hazardous areas.	Preliminary Use	Acquisition (pre- acquisition assessment), Planning (remediation and siting)
Impact HAZ-2: When open space areas are opened to the public, users could potentially be exposed to the risk of a wildland fire. There is also the concern that allowing public recreation access to an area carries an increased likelihood of human caused fire and hence increases the risk of wildland fire in the area as a whole.	 Mitigation HAZ-2a: During preparation of plans for specific facilities, the District shall: a) Review, in conjunction with the local fire protection services, available water resources. In consultation with the County of San Mateo Environmental Services Department and the California Department of Forestry, the District shall determine whether the construction of dry hydrants (as defined in the Final EIR on page II-32) on specific lands acquired is feasible in order to provide additional remote area water supplies for fire suppression activities. The District shall purchase a 1,500 - 2,000-gallon maintenance -style water truck. The District-owned water truck shall be available for mutual aid calls during fire suppression activities. b) Select indigenous plant materials and/or seed mixes utilized at staging areas or along trails for their low maintenance and drought and fire resistant characteristics to minimize additional fuel available to wildland fires to the extent feasible. 	Prior to Board approval of Use and Management Plan; ongoing project oversight thereafter	Planning (design), Operations (equipment purchase and ongoing project oversight)
Impact HAZ-2: When open space areas are opened to the public, users could potentially be exposed to the risk	planners shall locate trial alignments and access points to allow trails to also	Prior to Board approval of Use and Management	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
of a wildland fire. There is also the concern that allowing public recreation access to an area carries an increased likelihood of human caused fire and hence increases the risk of wildland fire in the area as a whole.	Where feasible for more remote areas, emergency helicopter landing sites shall be provided.	Plan	
Impact HAZ-2: When open space areas are opened to the public, users could potentially be exposed to the risk of a wildland fire. There is also the concern that allowing public recreation access to an area carries an increased likelihood of human caused fire and hence increases the risk of wildland fire in the area as a whole.		Prior to opening land to public access	Administration and Operations
could potentially be exposed to the risk of a wildland fire. There is also the	practices, as new lands are acquired, the District shall consult with the San Mateo County Fire Department and the California Department of Forestry in developing site-specific fuel modification and management programs for specific lands acquired, as part of its Use and Management planning process.	Prior to Board approval of Use and Management Plan; ongoing project oversight thereafter.	Management
	watching, bicycling, equestrian use, environmental education and other similar low hazard uses, and prohibit smoking, camping, picnic areas, fireworks and	Prior to opening trails to public use; ongoing project oversight thereafter.	Operations
Impact HAZ-2: When open space areas are opened to the public, users		Prior to opening facilities for	Planning (design, siting, and

Impact	Measure	Timing	Monitoring Responsibility— District Department
could potentially be exposed to the risk of a wildland fire. There is also the concern that allowing public recreation access to an area carries an increased likelihood of human caused fire and hence increases the risk of wildland fire in the area as a whole.	 a. Fenced parking areas paved with gravel or asphalt in a narrow configuration to discourage irresponsible vehicle use. b. Entrance and road shoulders designed to discourage parking during closure and to facilitate emergency access. c. Gates that are at least 12 feet wide constructed of heavy materials with a protected locking system for District and fire access. d. 10-foot radiuses paved with gravel around trailheads. e. Signage that describes prohibited uses and warns against fire hazards. f. Low ignition fuels, such as grasses, will be planted adjacent to trail heads and staging areas, and will be mowed annually as soon as 30 per cent of the light ground fuel is cured. g. Close trail access points on all predicted high fire response level days (Burn Index of 41, or higher) and post such closures on the District website. h. Periodic patrols by District staff. 	public access; ongoing thereafter	construction), Operations (ongoing project oversight)
Impact HAZ-3: District acquisition or management of land alone would not increase public exposure to other significant health or safety hazards. However, use of future District facilities, including trails, could adversely affect trail users.	or other facilities shall be closed for construction or repair, or when another hazardous condition exists (e.g. landslide during flooding or extremely wet	Prior to opening trails to public access; ongoing project oversight thereafter	Operations
Impact HAZ-3: District acquisition or management of land alone would not increase public exposure to other significant health or safety hazards. However, use of future District facilities, including trails, could adversely affect trail users.	Mitigation HAZ-3b: District preserve maps for the public shall be kept up-to-date to the extent feasible. Trail maps shall also provide trail use rules, emergency information, trail accessibility, other pertinent safety information and shall be available at all staging areas.	Upon opening lands for public access; ongoing thereafter	Public Affairs (map preparation), Operations (placement of maps and ongoing project oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
AIR QUALITY			
	 Water all active construction areas at least twice daily and more often during windy periods. Active areas adjacent to existing land uses shall 	thereafter	Planning (inclusion in construction documents), Operations (ongoing project oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
AESTHETICS			
open space areas for recreational use	sited and designed to be in harmony with surrounding natural and cultural settings and to retain natural appearances and values.	Prior to Board approval of Use and Management Plan	Planning
open space areas for recreational use after the proposed annexation project is approved could include trails, parking areas, portable sanitary facilities, fencing, signs, and access roads. The	near the top of ridgelines shall be sited to avoid creating new, permanent, noticeably visible lines on the existing landscape when viewed from points looking up at or perpendicular to the trail. Conditions to be considered when siting trails include, but are not limited to, avoiding excessive cuts in slopes that could not be effectively revegetated, and presence of native soil to support revegetation.	approval of Use and Management Plan	Planning
open space areas for recreational use	trees that provide a canopy shall be used at major staging areas to visually buffer views into the staging area from sensitive view points.	Prior to completion of construction and opening staging area	Planning (design and siting)
	Mitigation AES-1d: All structures proposed that are located in scenic corridors shall be screened using native landscaping with plants indigenous to		Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
after the proposed annexation project is approved could include trails, parking areas, portable sanitary facilities, fencing, signs, and access roads. The District may also develop a field office and maintenance facilities. These developments could create a significant effect on scenic vistas.		construction	
		Prior to completion of construction	Planning
Impact AES-2: The field office or maintenance facilities may require lighting for security or safety. Lights from these facilities could affect nighttime views in the area.	light shields and other devices to ensure that no new light or glare will impact	Prior to completion of construction	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
with large volume flows through creeks and drainage. The annexation area is windward of incoming storms and would receive intense rainfall capable of	and stream bank erosion. Equestrian trails shall not be sited parallel to "blue line" streams (as mapped on USGS 7.5 minute quadrangle maps) and major drainages (determined during the preparation of individual trail design) within 150 feet of the streambank in such watersheds. Where equestrian trails must cross streams or major drainages in water supply watersheds, the trail shall be sited perpendicular to the stream (to the extent allowed by topography and vegetation) through the 300-foot buffer zone (150 feet on each side). Equestrian trails shall not be located within 150 feet of the high water line of a drinking water reservoir. These measures may be modified on a case-by-case basis upon the advice of a qualified biologist or water quality specialist and the concurrence of the applicable water agency.	and Management Plan; ongoing project oversight	Planning (design and siting), Operations (ongoing project management)
with large volume flows through creeks and drainage. The annexation area is windward of incoming storms and would receive intense rainfall capable of eroding and destabilizing project area	as listed in this section shall be implemented to reduce potential water quality impacts. BMPs include: 1. Flow of runoff from drainage structures will be directed to vegetated areas,	Prior to and during construction and ongoing project oversight thereafter	Planning (siting and design), Operations (ongoing maintenance and project oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
maintenance facilities in the Coastal Annexation Area. Overall, the project should be beneficial due to protection of watersheds and associated water quality.	 Sediment Traps Sediment Basins Erosion Control Blankets and Mats The District shall prevent erosion on steep slopes by using erosion control material according to manufacturer's specifications. If soil is to be stockpiled for any reason at creeksides, no run-off will be allowed to flow back to the creek. 		
Mountains are known for intense rainfall with large volume flows through creeks and drainage. The annexation area is windward of incoming storms and would receive intense rainfall capable of eroding and destabilizing project area trails. No effluent waste would be discharged due to the proposed annexation project. Future toilet facilities would be self-contained at preserves, or connected to existing sewer systems, as in the case of the District developing a field office and maintenance facilities in the Coastal Annexation Area. Overall, the project should be beneficial due to protection of watersheds and associated water quality.	evaluate existing roads and trails before adopting a Preliminary Use and Management Plan and opening them to the public to ensure that their design is compatible with resource protection and recreational uses. In some cases, the District may close and restore poorly designed roads and trails to restore the land to its natural conditions. Where roads exist in area of geologic sensitivity (areas prone to landslides or earth movement), the District may conduct a roads assessment to identify corrective actions necessary to reduce sediment input into streams. Trail surfaces appropriate to intended use shall be selected so as to minimize runoff and erosion problems. Trail designs shall conform to the County	to Board approval of Preliminary Use and Management Plan; trail surfaces selection and design prior to construction; ongoing project oversight thereafter	Acquisition (preparation of Preliminary Use and Management Plan), Planning (siting and design)
Mountains are known for intense rainfall with large volume flows through creeks and drainage. The annexation area is windward of incoming storms and would receive intense rainfall capable of	construction. The degree of cut allowed on a slope depends on the soil type, hardness, and surrounding natural resources. Ultimate cuts shall be contoured to blend with the natural slope. Steep areas shall be handled by limited terracing to avoid large-scale grading. Surface soil disturbance shall be kept to a minimum to reduce erosion and maintenance problems. Only those rocks, stumps, and roots that interfere with safe passage shall be removed.	Prepare grading plans or details prior to bid and construction; implement grading practices during construction.	Planning (siting and design), Operations (ongoing project oversight)

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Impact	Measure	Timing	Monitoring Responsibility— District Department
annexation project. Future toilet facilities would be self-contained at preserves, or connected to existing sewer systems, as in the case of the District developing a field office and maintenance facilities in the Coastal Annexation Area. Overall, the project should be beneficial due to protection of watersheds and associated water quality.			
	Mitigation HYD-2: Culverts shall be designed so that they do not limit the ability of debris to pass. Structures over water courses shall be carefully placed to minimize disturbance and should be located 2 feet above the 100-year flood elevation or 2 feet above the Flood Hazard Flood Insurance Rate Map flood elevation. Maintenance of culverts and drainage structures shall be performed as needed to ensure proper functioning.	details prior to bid and construction;	Planning (design and siting), Operations (maintenance and ongoing project oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
BIOLOGY			
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	during preparation of Use and Management Plans. Assessments shall be conducted by a qualified biologist and will include surveys for sensitive	Prior to Board approval of Use and Management Plan	Planning
	trails and other facilities. To the maximum extent feasible, trail alignments and	ng approval of Use and Management Plan	Planning
	 Relocating trails or other improvements Periodic closures Revegetation prescriptions Buffer plantings Discrete barrier fencing that accommodates wildlife passage Other appropriate measures 		
	Removal of native vegetation shall be avoided as much as possible. The appropriate resource agencies shall be contacted regarding any trail alignments or other improvements that may impact sensitive habitats, special-status species, or their habitat. Plant replacement shall be native to the area and suitable for the site conditions.		
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are	shall be limited as appropriate to ensure protection of resources. Techniques		Planning (design),

Impact	Measure	Timing	Monitoring Responsibility— District Department
currently closed to public use could adversely affect sensitive species and or/natural communities.	Seasonal or intermittent closures	of Use and Management Plan; ongoing project oversight thereafter	Operations (ongoing project oversight)
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.		Prior to and during construction	Planning
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	, 3	Prior to construction	Planning (design), Operations (ongoing project oversight)
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.		Ongoing project oversight	Planning (assessment of closure), Operations (ongoing project oversight)
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	generally be set back from the top of bank or from the outside edge of the riparian zone, whichever is greater, except where topographic, resource	Prior to Board approval of Use and Management Plan	Planning (siting and design)

Impact	Measure	Timing	Monitoring Responsibility— District Department
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	designed to minimize disturbance through the use of bridges, fords, or culverts, whichever is least environmentally damaging. Bridges and culverts shall be designed so that they visually and functionally blend with the	Prior to construction; ongoing project oversight thereafter	Planning (siting and design)
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	other jurisdictional waters, including seasonal wetlands, seeps, springs, and farm ponds, wherever possible. A wetlands biologist will conduct reconnaissance-level surveys of all proposed improvements in areas with potential wetlands. Any improvements adjacent to wetland areas will be	Prior to Board approval of Use and Management Plan; ongoing project oversight thereafter	Planning
currently closed to public use could adversely affect sensitive species and or/natural communities.	where any sensitive habitat or special-status species habitat will be disturbed or destroyed by facility construction. Revegetation work shall be implemented prior to or concurrently with the development. The design of an appropriate	Prior to construction; ongoing project oversight thereafter	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
	maintenance measures, a long-term monitoring program, and contingency measures. Native plant materials suited to the site will be utilized in all mitigation work.		
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	Mitigation BIO-1k: Periodic monitoring of known sensitive habitats adjacent to trails or other facilities shall be conducted to determine if unacceptable soil compaction or other adverse impacts are occurring. If monitoring reveals that undesirable soil compaction or impact to a sensitive habitat is occurring, barriers or other appropriate measures (such as trail rerouting) shall be employed as needed to discourage off-trail use. Brush or other aesthetically acceptable barriers can be used to cover illegal trails, abandoned trails, or shortcuts to discourage use until natural vegetation returns.	Ongoing project oversight	Planning (monitoring), Operations (ongoing project oversight)
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	Mitigation BIO-1I: Should sensitive habitat be impacted such that it necessitates permanently closing a trail or staging area, a management program to rehabilitate the area will be developed. Such a program shall include discing and replanting or other techniques appropriate to the habitat type to return the site to a natural condition and sufficiently blocking the trail with barriers to effectively prohibit use. Management shall include monitoring the site to ensure that it returns to a natural condition without the intrusion of invasive exotic plants. Management shall also include design elements, maintenance, and monitoring to ensure that erosion is minimized. Construction and maintenance of trails will require the trimming and/or removal of vegetation along the trail route and staging areas.	Ongoing project oversight	Planning (design of management program), Operations (monitoring, maintenance and ongoing project oversight)
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are currently closed to public use could adversely affect sensitive species and or/natural communities.	Mitigation BIO-1m: Existing native vegetation shall only be removed as necessary to accommodate the trail clearing width. The minimum horizontal clearing width from physical obstructions varies based on the type of trail but should be no less than two feet from the outer limits of the trail tread and shall be determined on a case by case basis to protect special natural features. Maximum vertical distance from overhanging branches shall be 12 feet on trails open to equestrian or bicycle use. Maximum vertical distance from overhanging branches shall be eight feet on hiking trails. Clearing shall be determined on a case-by-case basis to protect special natural features.	Ongoing project oversight	Operations
Impact BIO-1: Constructing improvements and introducing recreational uses into areas that are	Mitigation BIO-1n: Good pruning practices should be followed when vegetation growth must be cleared. Ground cover plants and low shrubs should not be cleared beyond the original construction standard. The	Ongoing project oversight	Operations

Impact	Measure	Timing	Monitoring Responsibility— District Department
currently closed to public use could adversely affect sensitive species and or/natural communities.	construction standard shall be defined as the trail tread width plus 1-2 feet from each side of the edge of the trail tread. Noxious plants (e.g., yellow starthistle) shall be controlled along trails and the edges of staging areas in a timely manner. Potential adverse impacts on biological resources would also be mitigated by Hyd-1 through Hyd-2.		·
Impact BIO-2: The construction of new fences on lands acquired or managed by the District could restrict wildlife movement within open space areas.	Mitigation BIO-2: The District shall minimize fragmentation of interior habitat, reduce barriers to wildlife movement within preserves, identify and protect established wildlife crossings to allow movement across existing roads, remove unnecessary fences and barbed wire from preserves, and seek to reduce barriers to wildlife movement on a more regional basis. The construction of new fences constructed on District owned or managed lands shall not restrict wildlife movement. Fence rails shall be designed with openings large enough for native mammals to pass through.	recommenda- tions prior to Board approval	Planning (siting and design), Operations (ongoing project oversight)
Impact BIO-3: Construction of District improvements on open space lands could result in the removal or trimming of heritage and/or significant trees in compliance with of the San Mateo County Ordinance.	Mitigation BIO-3: See Mitigation AGR-3(h)	Prior to Board approval of Final Service Plan and prior to opening trails to public access	Planning

Impact	Measure	Timing	Monitoring Responsibility— District Department
CULTURAL RESOURCES			
a minimum, treatment of a building and/or structure to be affected should provide for mitigation options and	 value is as follows: The property and building types will be identified and evaluated by a qualified cultural consultant; The cultural consultant will determine if the structures in question are currently included in a local register of historic resources, on the California Register of Historic Resources or on the National Register of Historic Places; If it is determined that the structures in question are not currently included 	Prior to Board approval of Use and Management Plan	Planning
Impact CUL-1: Specific lands to be acquired by the District have not been identified, but lands acquired may contain historical resources. Due to public safety concerns, historical structures may need to be removed. At a minimum, treatment of a building and/or structure to be affected should	Mitigation Cul-1b: Short-Term/Construction activities may impact nearby historic properties. These impacts may include dust accumulation on building facades, and increased noise and vibration from construction equipment. Construction period impacts could be mitigated to a less-than-significant level by implementing the following mitigation measures: 1. Project specifications should shall require the contractor(s) and any subcontractors to conform to the County's noise control requirements.		Planning (development of project specifications), Operations (ongoing project oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
procedures for both the building to be affected by the project and any adjacent buildings with the potential to be affected by either direct or indirect impacts. Mitigation Measures CUL-1a and 1b will mitigate all impacts to historic structures to less than significant levels.	 Project specifications should shall require the general contractor and any subcontractors to control dust and exhaust emissions of particulate through water sprinkling during demolition and excavation activities; covering of stockpiles of soil, sand and other such materials; covering trucks hauling debris, soil, sand and other such materials; street sweeping of the streets surrounding excavation and construction sites; equipment maintenance to reduce emissions; and, prohibitions on idling engines when not in use. Cleaning of the adjacent historic buildings may be necessary after construction activities to prevent long-term damage to the building fabric. The need for cleaning shall be determined by a qualified Historic Architect, shall follow the standards set by the Secretary of the Interior, and shall be completed in consultation with the Historic Architect. A structural engineer should inspect the buildings prior to construction to determine if the noise and vibration anticipated during construction will affect the buildings framework and fabric. The report, with any recommendations and mitigation measures, should be reviewed by a qualified Historic Architect. 		
	Mitigation Cul-2: Application of the Standard Protocol for Unexpected Discovery of Archaeological and Paleontological Cultural Materials will be applied. See <i>DEIR</i> , page IV-J-12 for a complete description of this Plan.		Planning (development of Action Plan)Operations (construction oversight)
	be applied. See DEIR, page IV-J-13-14 for a complete description of this Plan.	Prior to and during construction	Planning (implementation of Plan) Operations (construction oversight)

Impact	Measure	Timing	Monitoring Responsibility— District Department
GEOLOGY			
such as a field office or maintenance building could be constructed in an area subject to geologic hazards such as	planning to identify the occurrence of any potentially hazardous geologic conditions such as unstable slopes in landslide areas. Such areas shall be avoided or necessary construction design measures shall be incorporated into the trail design to assure that: Users will not be exposed to the identified hazard Trails would not contribute to increasing the degree or extent of instability Drainage from the trail would be routed away from the instability In no event shall a trail be routed across an instability that is actively supplying sediment directly into a channel within a watershed known to support	approval of Use and Management Plan; ongoing	Planning (siting and design) Operations (ongoing project oversight)
Impact GEO-1: Future District facilities such as a field office or maintenance building could be constructed in an area subject to geologic hazards such as seismic shaking or liquefaction. When open space areas are opened to the public, users could potentially be exposed to geologic hazards such as unstable slopes in landslide areas.	regular maintenance to avoid public exposure to hazardous conditions.	Ongoing project oversight	Operations
such as a field office or maintenance building could be constructed in an area subject to geologic hazards such as		Prior to bid and construction	Planning

Attachment B

Interim Rangeland Management Plan and Template Grazing Lease

Interim Rangeland Management Plan Mindego Ranch property

Introduction

The Mindego Ranch property encompasses 1,047 acres between Skyline and Alpine Roads, including all of Mindego Hill. The ranch, owned by the True family for the past 50 years, is currently owned by Peninsula Open Space Trust (POST), with purchase by Midpeninsula Regional Open Space District (District) tentatively planned for June 2008. The site contains numerous natural resource values that are in the District's interest to preserve and protect. The majority of the property is undeveloped. The developed portion consists of a farm complex near Mindego Lake, in the shadow of the peak's northern flank. Cattle graze on about 330 acres of grasslands on the hillsides of the property. Mindego Creek flows along the northern and western sides of the property. Oak woodlands and forests line the streams and creek. Mindego Hill can be viewed from trails in the District's Russian Ridge Open Space Preserve (OSP), Skyline Ridge Open Space Preserve, and viewpoints throughout the La Honda area.

History and Current Use

Mindego Hill has been the site of cattle ranching since 1859, when Juan Mindecoa settled in the area. The sites developed for ranching over the past 150 years have been centered in the natural bowl on the northwest flank of the peak and gentle slopes above Mindego Creek. In earlier history, the bowl area was utilized by the Ramaytush Costanoan group of native Californians.

Today, Chris and Veronica True raise Brahman, Angus and crosses on the ranch under a one-year after-purchase lease agreement with POST. The Trues have operated the ranch with about 120 cow/calf pairs year round for the last 30 years. 15-20 horses and 10 rodeo bulls also pasture on the property year-round. Apart from fencing near the pasture boundaries at the east and south ends of the property, grazing areas are contiguous, using only natural boundaries to separate pastures. Two holding pens near the house (50 and 20 acres) are the sole exception. Topography and vegetation, as well as fencing in the main ranch compound, limit livestock movement to a few routes between the northern pastures, including Mindego Lake, and the southern pastures, which include Knuedler Lake and the south facing slopes of Mindego Hill. Although the easternmost grasslands on the San Francisco Boy's Ranch property is currently used by the True family for livestock grazing, no written agreements regarding this use have ever been developed. All livestock currently on the property will leave the site in summer 2008.

Range Facilities and Conditions

Mindego Ranch has an array of developments stemming from generations of use as a homestead and ranch. Multiple small residences, barns, outbuildings, and water developments are present. The corrals and barn area are plumbed from a tank uphill of the Giandrea cabin. A second, connected tank network serves the True residence, horse holding pens, and trailer sites.

Cattle water primarily from natural springs, which feed easily accessible intermittent surface flows, small creeks and ponds, and the two perennial lakes. Only one trough, located near the cabin, is known to be in use. No other troughs are utilized outside those in the corral area and horse stalls. While water is abundant and widespread during winter and spring, cattle frequent the lakes and streams in late summer and fall. The lakes' margins are gently sloping, and emergent vegetation is heavily browsed. The slopes north of Mindego Lake are densely populated with purple star thistle and milk thistle.

Natural Resources and Sensitive Species

The central feature of the ranch is Mindego Hill, a peak that rises to 2,143 feet. The flanks of this hill form the majority of the 1,047 acres on the property. Drainages on Mindego Ranch include Alpine Creek and Rodgers Gulch, and perennial Mindego Creek, all within the San Gregorio Creek watershed. Mindego Lake is a prominent feature on the north side of the hill, and Knuedler Lake lies across a portion of the southwest property boundary.

Habitat for a wide variety of wildlife is present throughout the grasslands, woodlands, and aquatic habitats on site. Sensitive wildlife species that may utilize the grasslands and water features include the California red-legged frog, a federally threatened species, and San Francisco garter snake, a federally endangered species. Further details on the habitat types present and species likely to occur can be found in the Resource Assessment prepared by LSA Associates, December 2002.

Interim Rangeland Management Plan

The District anticipates assuming ownership in June 2008 and full management of the property in October 2008. With regard to rangeland resources, the District's primary objectives during the 1-2 year interim period following purchase are:

- 1) Uninterrupted use of livestock grazing under a short-term lease as a vegetation and fuel management tool,
- 2) Control of noxious and agricultural weeds,
- 3) Improvement of the facilities to suit operation by a grazing tenant, and
- 4) Selection of a long-term grazing tenant for Mindego Ranch.

An assessment of infrastructure improvements necessary to include an additional 120 acres of grasslands in adjacent Russian Ridge OSP within the grazing operation will also be of interest during this term. Eventually, retrofit or replacement of some gates and fences will likely be necessary to accommodate future public access routes once they are selected and approved by the District Board.

1. Ensure Uninterrupted Grazing

The success of livestock grazing as a resource management tool is dependent upon a regular cycle of vegetation growth and herbivory. Rapid changes in vegetation composition, as well as deterioration of grazing infrastructure, may occur if a prolonged hiatus from grazing were to occur. Additionally, the District is committed to ongoing support of the local agricultural economy in the

Coastside region; continued grazing on Mindego Ranch is an important element of this support. Given these and other operational considerations, grazing should be continued during the interim period with minimum interruption, except for the expected grazing off-season. The District should enter into a short-term grazing lease with a qualified grazing operator to accomplish this objective, for the interim period starting after the termination of the existing True lease.

2. Perform Weed Management

Some locations on the Mindego Ranch, particularly those with a history of heavy livestock use, have dense populations of agricultural weeds including yellow star thistle, purple star thistle, milk thistle, and Harding grass. Due to their aggressive habit, these populations are likely to spread if not treated. Of particular concern is that populations may sharply increase if released from frequent grazing pressure. Depending on factors including plant species, reproductive phase, and proximity to amphibian habitat, management methods may include grazing, mowing, or use of approved herbicides.

3. Upgrade Critical Ranch Infrastructure

Some equipment and infrastructure, while sufficient for the former owner's operation, is not suitable for a potential tenant to repair or maintain. The critical infrastructure that needs repair or reconfiguration in the interim period includes the chutes and corral arrangement, key ranch road waterway crossings, and boundary fencing.

4. Select Long-term Grazing Operator

In order to continue use of grazing as a vegetation management tool on the Mindego Ranch, the District should seek a qualified lessee for the interim period starting after the termination of the existing lease. At the same time, the District should also develop a long-term rangeland management plan for the property, and seek a long-term grazing lessee. The grazing lease is anticipated to be for a term of five or more years, and will operate under a prescription established through the subsequent rangeland management plan.

Grazing Operation Details

This plan takes effect upon termination of the True Lease arrangement, in October 2008. The rangeland management for the interim period will be conducted according to the Preliminary Use and Management Plan, of which this Rangeland Management Plan is a part. Lessees will operate under the Rangeland Management Plan and Grazing Lease, attached. Grazing practices shall conform to the Grazing Lease, University of California Cooperative Extension guidelines for Moderate forage utilization (residual dry matter at 800-1000 lbs/acre), District Resource Management policies, and the animal units specified herein.

These policies and practices not only guide vegetation management by livestock, but also ensure the protection of the biological resources of Mindego Ranch, including

preservation of potential aquatic and upland habitats for California red-legged frog and San Francisco garter snake.

Interim Rangeland Management Prescriptions:

- Graze cattle at 300 total Animal Unit Months (AUM), preferably distributed as 40-50 AUM from February/range preparedness through June/forage decay. Cow/calf pairs are suited to the property (i.e. 40-50 pair), though stockers may also be practical, given the site's history of predation (65-70 stockers). If a cow/calf operation is selected for the interim period, a resident rancher will most likely be needed to supervise and monitor the cattle.
- Conduct all predator control according to District, local, and state regulations. Problem animals interfering with livestock operations shall be handled through the District's Operations Department in cooperation with County Animal Control or the California Department of Fish and Game.
- Treat roadside and ranch compound areas with appropriate herbicides, targeting purple star thistle and yellow star thistle, and in compliance with all herbicide application regulations. Prioritize containment of populations in the bowl area north of Mindego Lake and at previous hay feeding sites.
- Further determine locations where cattle frequent waterways, and assess natural resource impacts at these sites. As necessary, develop wildlife friendly off-course water troughs and control cattle traffic using gates/fencing in these areas to avoid adverse impacts to lakes, ponds, and creeks.
- Reconfigure corral area for use by grazing lessee, ensuring ease of use, watershed
 health, and avoidance of residual pesticide contamination, which may necessitate
 relocation of entire corral site.
- Study potential addition of southwest Russian Ridge pasture area (120 acres); identify necessary upgrades, costs, and benefits.
- Install minor public access improvements such as self-closing gates and signage as may be desirable in the interim period. Further infrastructure modifications needed for compatibility with public access should be addressed in the future Comprehensive Plan process.

Interim Rangeland Management Plan Mindego Ranch property

Appendix A:

Template Grazing Lease for Seasonal Operation



GRAZING LEASE _____ GRAZING UNIT

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

OPEN SPACE PRESERVE

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SUMMARY OF GRAZING LEASE TERMS

This is a summary ("Summary") of the principal terms and conditions of the Grazing Lease. Each item below shall be deemed to incorporate all of the terms and conditions set forth in the Grazing Lease pertaining to such item. In the event of any conflict between the information in this Summary and any more specific provision of the Grazing Lease, the more specific Grazing Lease provision shall control.

Landlord:	Midpeninsula Regional Open Space District	
Tenant:		
Term:	·	
Grazing Season:	February 1 st to June 30 th	
First Year Grazing Capacity:	AUMs authorized (annual adjustments thereafter)	
Use:	Cattle grazing and authorized adjunct activities	
First Year Rent:	\$ (annual adjustments thereafter)	
Rent Payment Date:	January 2 nd of each lease year	
District Contact Information: Primary Contact: Real Property Man Tel: (650) 691-1200 Alternate: Skyline Area Superintend Tel: (650) 949-1848 Notice Addresses of District: Midpeninsula Regional Open Space Attn: Real Property Manager 330 Distel Circle Los Altos, CA 94022 With a copy to: MROSD – Skyline Field Office	Tel: ent Alternate Contact: Tel: Notice Address of Tenant:	
Attn: Area Superintendent 21150 Skyline Boulevard		

La Honda, CA 94020

GRAZING LEASE

THIS GRAZING LEASE ("LEASE") IS MADE BY AND BETWEEN THE MIDPENINSULA REGIONAL OPEN SPACE DISTRICT ("DISTRICT") AND THE UNDERSIGNED GRAZING TENANT ("TENANT") UPON THE FOLLOWING TERMS AND CONDITIONS:

1. GRAZING MANAGEMENT PLAN

District has prepared a grazing management plan for the Premises ("Grazing Plan"), incorporated herein by this reference as Exhibit A, and has provided Tenant with a copy of said Grazing Plan. Tenant hereby acknowledges receipt thereof. Tenant shall manage and use the Premises throughout the Term in a good and proper manner, according to approved methods of range management and grazing practice as more specifically set forth in the Grazing Plan, and as may be established and modified from time to time by District. The Grazing Plan serves this Lease as a management tool for developing and implementing range activities in accordance with and complementary to the District's overall land management, resource administration, public use, and other open space policies, guidelines and goals. The Grazing Plan may be amended by District from time to time, with Tenant's input, and any such amendment by District shall be effective upon thirty (30) days written notice to Tenant thereof.

2. PREMISES

- (a) **Premises**. District leases to Tenant, and Tenant leases from District, upon the terms and conditions herein, those certain tracts of land specifically defined and delineated in the Grazing Plan (the "Premises").
- (b) Reserved Rights. Tenant's use of the Premises is subject to all existing easements, servitudes, leases and rights of way for ditches, levees, roads, public utilities, pipelines and any other purposes, whether of record or not, and including the right of District to authorize its directors, officers, employees, agents, and volunteers to use the Premises for District purposes. District reserves the right to use the Premises for all public open space purposes, including but not limited to natural resource restoration and management, natural resource monitoring, road grading, mowing, plowing, seeding, fertilizing, prescribed burning and performing any other appropriate or customary seasonal work. District further specifically reserves the right to make use of all roads and trails on the Premises for patrol, maintenance and such other uses as District may reasonably desire to make of such roads or trails. District also reserves the right to make the Premises open to the general public for low intensity open space recreation, subject to reasonable restrictions as determined by District, and including the right to construct trails, public trailhead facilities, and other facilities for such public use purposes.
- (c) **As Is Condition of Premises**. District makes no warranties or representations to Tenant concerning the suitability of the Premises for grazing purposes. Tenant represents and warrants that Tenant has conducted a thorough and diligent inspection and investigation of the Premises and the suitability of the Premises for Tenant's intended use. Tenant is fully aware of the needs of its grazing operations and has determined, based solely on its own inspection, that the Premises are suitable for its operations and intended use. Tenant acknowledges, agrees to, and hereby accepts, the Premises in their present condition, "AS IS, WITH ALL FAULTS", without representation or warranty of any kind, and subject to all

applicable laws, statutes, ordinances, rules and regulations governing the use, occupancy, management, operation and possession of the Premises. Without limiting the foregoing, this Lease is made subject to any and all covenants, conditions, restrictions, easements and other title matters affecting the Premises, or any portion thereof, whether or not of record. Tenant acknowledges and agrees that District, including without limitation its directors, officers, employees and agents, has not made, and District hereby disclaims making, any representations or warranties, express or implied, concerning (i) any title or survey matters affecting the Premises; (ii) the physical, geological or environmental condition of the Premises; (iii) the present or future capacity or suitability of the Premises for livestock grazing; (iv) the feasibility, cost or legality of constructing any improvements on the Premises if required for Tenant's use and permitted under this Lease; (v) the condition of any fences, roads, gates or range improvements; or (vi) any other matter whatsoever relating to the Premises or its use, including, without limitation, any implied warranties of fitness for a particular purpose.

(d) **Withdrawal of Premises**. Pursuant to Public Resources Code §5563, District hereby reserves the right, at any time, to reduce the size of the Premises leased hereunder, in whole or by any portion thereof, should the District Board of Directors ("Board") by ordinance determine to use such lands for park, open space or other District purpose inconsistent with Tenant's use, in which case the Lease shall terminate as to those lands so identified. District will notify Tenant of the tentative scheduling of any agenda item for Board consideration to act under Section 5563, as to the Premises, no less than ninety (90) days in advance of the meeting proposed for consideration of such an item. Should less than the entire Premises be removed from the Lease pursuant to this Section, the animal unit months ("AUM"), as hereinafter defined, and as permitted hereunder, and the corresponding rental amount, shall be reduced proportionate to the reduction in the area, based on acreage, subject to the Lease. In the alternative, Tenant may elect to terminate the Lease in its entirety and shall have no further obligation hereunder except as to those matters specifically identified as surviving such termination.

3. TERM

- (a) **Term**. The Premises are leased for an initial five (5) year term ("Initial Term") beginning ______("Commencement Date") and expiring on the last day of the Grazing Season on the final year of the Initial Term, unless extended as provided for herein. Provided Tenant is in compliance with the terms, covenants, and provisions of this Lease (including the Grazing Plan), District may elect to extend the Lease for one additional _____ year period ("Subsequent Term"), for a maximum total Term of no more than _____ years, unless the Lease is terminated by District as otherwise provided for herein. The Subsequent Term shall expire on the last day of the Grazing Season on the final year of the Subsequent Term. Collectively, the Initial Term and Subsequent Term are referred to herein as the "Lease Term".
- (b) **Grazing Capacity and Grazing Season**. The definition of the "Grazing Capacity" and the "Grazing Season" for all purposes of this Lease is that set forth in the Summary. Tenant will graze the Premises only during the Grazing Season and in compliance at all times with the authorized Grazing Capacity. Tenant may go on to the Premises during other times of the year (the "Off-Season") to conduct activities reasonably related to permitted grazing, including infrastructure maintenance and repair and related to such new leasehold

- improvements as may be authorized in writing by District.
- (c) **Termination of Lease at End of Term**. District or Tenant may terminate this Lease at the end of the Initial Term, or at the end of any Subsequent Term, if District or Tenant gives written notice to the other party at least ninety (90) days prior to the Expiration Date of the then effective Term.
- (d) **Possession**. Tenant agrees that in the event of the inability of District to deliver possession of the Premises at the Commencement Date, District shall not be liable for any damage caused thereby nor shall this Lease be void or voidable, but Tenant shall not be liable for Rent (as described hereunder) until such time as District offers to deliver possession of the Premises to Tenant. The Term of the Lease shall not be extended by any such delay.

4. RENT

- (a) Lease Year Rent. Each year during the Term, Tenant shall pay to District annual rent ("Rent") as payment for grazing on the Premises. Rent for the first year of the Initial Term is the amount set forth in the Summary. Rent shall be adjusted each lease year thereafter ("Annual Adjustment of Rent") as set forth below. Annual Rent shall payable in one lump sum payment, and shall be paid on or before the date set forth in the Summary ("Rent Payment Date") at the address shown for District in the Summary. Rent shall be paid in advance without demand, deduction, offset or counterclaim whatsoever except as may otherwise be specifically permitted herein. Rent shall be paid in full when due and payable regardless of whether or not any livestock are grazed upon the Premises, or whether or not the Premises are grazed at the Grazing Capacity authorized for any lease year.
- (b) **Annual Adjustment of Rent**. Rent shall be adjusted upward or downward for each lease year depending upon the Grazing Capacity of the Premises, as determined by District prior to the beginning of the Grazing Season, and on whether the average selling price of beef cattle is higher or lower than the corresponding average selling price for the preceding lease year ("Rent Adjustment"). Rent Adjustments will be calculated pursuant to the formula set forth in the <u>Calculation of Annual Grazing Rent</u>, attached hereto and incorporated herein as Exhibit B of this Lease.
- (c) **Rent Credit for Performance of Work**. Tenant may request permission from District to substitute performance of work ("Work") on the Premises, and only such matters for which Tenant is not otherwise obligated or responsible, in lieu of all or a portion of cash rental payments by the following procedure and subject to the following conditions:
 - 1) Prior to commencing any such Work, Tenant shall submit a written proposal to District for approval of specific Work and shall provide an estimate of the value of such Work.
 - 2) District shall review such Tenant proposal and value estimate, and may elect, in its sole discretion, to authorize the performance of such Work, or may counter the offer of Tenant, either as to the scope of Work or valuation thereof. If acceptable to Tenant, District may authorize the performance of such Work in lieu of all or a portion of Rent in the agreed upon amount. Any such authorization shall be in writing and signed by a duly authorized District representative or shall be of no force and effect.
 - 3) In the event District approves specific Work to be performed by Tenant in lieu of all or a portion of Rent, all such Work shall be performed in a timely and professional manner, to the reasonable satisfaction of District.
 - 4) Tenant shall notify District upon completion of the authorized Work and shall arrange for inspection of such Work by District. If District, after inspection, accepts the Work as

fully and correctly performed, it shall authorize, in writing, that such Work be substituted for all or a portion of Tenant's Rent obligations in the agreed upon amount. If District determines that the Work has not been fully or correctly performed, it shall notify Tenant of the deficiencies and Tenant shall have a reasonable period of time to correct the identified deficiencies. Tenant shall thereafter notify District and request further inspection.

- 5) Tenant may thereafter apply the credit authorized herein to Rent accruing under this Lease.
- 6) In no event shall credit for Work performed in lieu of Rent exceed the amount of Rent due for the remainder of the then current Term and any excess claimed may not be carried over or otherwise applied to rental obligations arising thereafter. Should District terminate this Lease for any reason permitted hereunder, District shall, prior to the full application of any such credit to Rent due, reimburse Tenant for Work that was approved by District and correctly performed by Tenant, provided that District's termination of this Lease is not due to a material default or breach of Tenant that results in a determination by a court of competent jurisdiction that any such credit accrues to the benefit of the District.
- 7) Nothing contained herein shall be construed to make Tenant an employee or agent of District and Tenant shall be and remain an independent contractor.
- (d) **Late Charge**. Any Rent received by District five (5) or more days past the Payment Date on which such amount was due, shall be subject to a penalty of 10% of the amount due to District, and Tenant shall pay such additional sum concurrently with the late payment.
- (e) **Livestock Lien**. Tenant hereby acknowledges that all Rent not paid on a Payment Date set herein shall become a lien on any and all livestock located on the Premises as authorized by California Civil Code §3080, *et seq.*, and District shall have the right to take possession and retain all such livestock, without resort to additional legal proceeding, until all unpaid amounts are satisfied in full.

5. TAXES

Tenant agrees to be responsible for, and to pay promptly when due, all possessory interest taxes and any other such taxes that are assessed on the basis of this Lease or the grazing operations permitted hereunder. Tenant shall pay any such possessory tax prior to delinquency thereof, and shall not be entitled to offset the amount of such tax against Rent payable under this Lease. Taxes assessed on any personal property of Tenant shall be solely the obligation of Tenant.

6. ANNUAL GRAZING CAPACITY DETERMINATION

- (a) **Definition of Grazing Capacity**. Grazing capacity, for all purposes herein, is the level of livestock use allowed on the Premises consistent with forage production, resource conservation, and open space preservation objectives (the "Grazing Capacity"). The unit of measure of Grazing Capacity shall be the animal unit month ("AUM"), defined herein as the amount of forage, equivalent to 1,000 pounds of dry, herbaceous plant material, necessary to sustain a mature cow for a period of one month. District shall regulate the kind and number of livestock, and the amount of time the Premises are grazed by same, to assure conformity to Grazing Capacity estimates.
- (b) **Procedure for Establishing Annual Grazing Capacity**. The Grazing Capacity for the Premises for the first lease year is that set forth in the Summary. The procedure for

establishing Grazing Capacity thereafter shall be:

- 1) District shall conduct an annual range assessment of the Premises to identify areas District considers suitable for grazing and to estimate the available forage production for the forthcoming lease year. Tenant will be provided an opportunity to participate in this annual range assessment.
- 2) Residual Dry Matter (RDM) targets described in Section 6(g) herein shall be subtracted from the estimated total amount of available forage within the Premises to determine how much forage is available for livestock to consume in an average year, a wet year, and a dry year. The District's determination of Grazing Capacity for the Premises shall be based upon the estimated forage production in an average rainfall year and may be subject to change by District.
- 3) Prior to <u>December 1st</u> of each year, District shall notify Tenant in writing of the authorized Grazing Capacity for the Premises for the forthcoming lease year. The notice shall set forth any required changes to Tenant's range management methods or grazing practices in accordance with the Grazing Plan, and shall also list any natural resource management or other range or open space management activities appropriate for the Premises during the forthcoming lease year from which Tenant may propose to do Work, as defined in Section 4(c).
- 4) Subject to the provisions of Section 6(c) through 6(g) below, the authorized Grazing Capacity for the Premises shall remain the same throughout the lease year.
- (c) **District as Sole Judge of Grazing Capacity**. At all times District shall be the sole judge as to the Grazing Capacity of the Premises and any pasture thereof. In determining the Grazing Capacity of the Premises or any pasture thereof, District may take into account, by way of example only and without limitation thereby, such factors as erosion control, re-forestation, native and invasive vegetation, water quality, fisheries, wildlife, recreation or any other conditions that may affect the use, operation, and conservation of the District's lands for open space purposes.
- (d) Change in Grazing Capacity and/or Length of Grazing Season by Mutual Consent. During the course of any lease year, the authorized Grazing Capacity and length of the Grazing Season may be modified by mutual consent of District and Tenant. Under such mutual agreement, Rent for the Premises shall be revised upward or downward to reflect, pro rata, any change in authorized Grazing Capacity. In the event of an increase in authorized Grazing Capacity, Rent to cover such increase shall be due and payable upon the next installment payment due following execution of the modification; in the event of a decrease in authorized Grazing Capacity, the Rent covered by said decrease shall be credited against the next installment payment of Rent due from Tenant following execution of the modification.
- (e) **Emergency Reduction of Grazing Capacity**. At any time and from time to time, District may reduce the authorized Grazing Capacity or impose a full or partial grazing moratorium in the District's discretion when such action is necessary or appropriate due to an emergency that poses a threat to the physical or environmental condition of the Premises. Written notice of any such reduction will be given by District to Tenant, who shall have ten (10) days in which to implement the reduction. In implementing such reduction, Tenant may either (i) reduce animal numbers, or (ii) feed weed-free hay of good quality at the equivalent of three (3) AUMs per ton fed. In the event Tenant desires to use option (ii), Tenant shall first obtain District's written approval. In giving such approval, District may require Tenant to

- concentrate all or part of the livestock into selected areas for feeding and control. In the event of such reduction, the Rent shall be adjusted pursuant to Section 4(b) hereof.
- (f) Exceeding Grazing Capacity Without Authorization. Tenant shall limit the number of livestock to be grazed upon the Premises and the period of use so that the authorized number of AUMs is not exceeded. Should the Premises, or any portion thereof, unintentionally be grazed in excess of the authorized number of AUMs, Tenant shall immediately remove all or such number of livestock as are necessary to comply with the Grazing Capacity authorized by District. In addition to all other rights which District may have or exercise under this Lease, in the event that Tenant grazes the Premises in excess of the authorized Grazing Capacity, the charge per AUM shall be three (3) times the annual Rent provided for in this Lease for each AUM or portion thereof grazed in excess of said authorized number, for any length of time, such amount being hereby agreed upon as the liquidated minimum damages to District from such excess usage and District shall be entitled to prove and be awarded any greater damage amount, or other relief sought, by a court of competent jurisdiction. Tenant shall pay such amount to District promptly upon demand.
- (g) Minimum Residual Dry Matter (RDM) Requirements. Residual dry matter ("RDM"), as used herein, is a measure of the amount of dry vegetation left on the ground, typically measured at the end of summer or in the fall, prior to rainfall. The height in inches of standing vegetation remaining on the ground is a general indicator of RDM levels, however the pounds per acre measurement shall be used for the purposes of monitoring and enforcing minimum RDM requirements. The District has set the following minimum RDM requirements for the Premises depending upon average slope:
 - 1) On 0% to 30% slopes, the average minimum RDM shall be 800 1,000 pounds per acre, or approximately 2 to 3 inches of standing vegetation.
 - 2) On slopes greater than 30%, the average minimum RDM shall be 1,200 pounds per acre, or approximately 3 to 4 inches of standing vegetation.

A layer of RDM shall be maintained by Tenant throughout the Grazing Season to minimize soil erosion and enhance both the quality and quantity of forage produced. Tenant and District acknowledge that localized over-utilization will occur adjacent to watering facilities, corrals, and salting areas. As such, these areas will not be used to determine the RDM levels of a pasture. If the RDM levels drop below the amounts specified above, District shall notify Tenant, and Tenant shall immediately remove all livestock from the affected pasture(s) until such time as District determines that such pasture(s) have recovered sufficiently for restocking.

7. ANNUAL STOCKING AND WORK PROGRAM

Tenant shall prepare an annual stocking and work plan ("Stocking and Work Program") prior to the beginning of each Grazing Season. No later than <u>January 7th</u> of each year, Tenant shall deliver to District a proposed Stocking and Work Program, in a form substantially similar to the example thereof contained in the Grazing Plan, that shall include information on the number and type of all livestock proposed to be grazed upon the Premises during the forthcoming Grazing Season. The Stocking and Work Program shall set forth the number of AUMs to be stocked on each pasture, based on current forage conditions and the Grazing Capacity established by District for the forthcoming Grazing Season, and shall specify all proposed management activities related to herd

health, pest control, infrastructure maintenance, and/or the development of range resources that may be warranted for the conditions and circumstances on the Premises. The range management work proposed by Tenant shall be in full conformance with the Grazing Plan. Within fifteen (15) working days of receipt of the Stocking and Work Program, District shall notify Tenant in writing whether it is acceptable. If unacceptable, District shall state in its notice all changes to be made to the Stocking and Work Program. Tenant shall incorporate all changes into the Stocking and Work Program and resubmit it to District for approval.

8. USE OF PREMISES

- (a) **Tenant's Permitted Use**. Tenant may use the Premises for the uses specified in the Grazing Plan, and for no other purpose or use without the prior written consent of District, the exercise of which shall be in its sole discretion. Livestock grazed on the Premises must be either owned by the Tenant or grazed under the direct supervision of Tenant.
- (b) Land Management and Forage Utilization. Tenant shall distribute or rotate livestock throughout the Premises as specified in the Grazing Plan and Tenant's annual Stocking and Work Program approved by District. Tenant shall maintain optimum distribution of livestock over the Premises by distributing or rotating livestock among the pastures to obtain uniform range utilization, minimize overgrazed areas and reduce the overall fire hazard. Tenant shall maintain in good condition and repair all cross-fences and gates that define any pasture, and shall distribute salt blocks uniformly throughout the Premises. Tenant shall maintain any developed livestock watering system in good condition and repair. Tenant shall conduct grazing activities, and use the Premises in accordance with, sound rangeland management practices, including, but not limited to, those standards and practices set forth or referenced in the Grazing Plan, and shall otherwise conduct livestock grazing operations in a safe, responsible, professional and environmentally protective manner.
- (c) **Grazing Within Premises**. Tenant shall, at all times, prevent livestock from trespassing onto lands owned or managed by District on which Tenant is not authorized to graze, into areas within the Premises excluded from the authorized grazing areas, or upon any adjacent third-party lands, whether private or public. Notwithstanding the foregoing, nothing in this subsection (c) shall be construed to require Tenant to install additional fencing on the Premises beyond that required elsewhere in this Lease or by the Grazing Plan.
- (d) **Supplemental Feeding**. Subject to verbal authorization from the District's Area Superintendent or other authorized District representative, Tenant may provide supplemental feed to maintain the health and vitality of permitted livestock. Tenant may not conduct supplemental feeding on the Premises to prolong grazing use in areas where the forage levels specified in the approved annual Stocking and Work Program have been reached or exceeded. Any supplemental feed shall be free of non-native, invasive plant materials, commonly known as "weed free" feed or forage. To minimize introduction of weed species not already common in the area, supplemental feed of local origin is preferred.
- (e) **Health of Livestock**. Tenant covenants and warrants that all livestock on the Premises shall be in general good health and physical condition and that they have been inoculated with all appropriate vaccinations according to good husbandry practice. Tenant will cull the grazing herd of all diseased or otherwise unhealthy livestock in a prompt and responsible manner.
- (f) **Disposal of Livestock Carcasses**. Tenant shall remove from the Premises, or bury on the Premises in a manner and location satisfactory to District, any and all livestock that may die on the Premises. Tenant shall immediately notify District upon discovering any dead

- livestock on or near the Premises. Tenant's notification shall state the proposed method and location for disposing of the dead livestock. The proposed method and location shall be subject to approval by District and may include permission to discharge firearms on the Premises in furtherance of the disposal.
- (g) Motorized Vehicles and Heavy Equipment. Tenant acknowledges that use of roads and vehicle accessible trails and areas of the Premises, both during and immediately following wet weather, carries the potential for serious degradation of road and ground surfaces, including but not limited to, rutting and erosion. Tenant shall refrain, to the maximum extent feasible consistent with reasonable grazing practices, from using motorized vehicles on the Premises during wet conditions. All motorized vehicle use by Tenant during wet conditions is restricted to the use of balloon-tired, all-terrain vehicles. All motorized vehicles and equipment used by Tenant on the Premises must be outfitted with appropriate spark arrestors and mufflers. No heavy equipment, including, but not limited to bulldozers, backhoes, excavators, or trenchers is allowed to cross or operate on the Premises without District's prior written consent. District may, in its sole discretion, close any or all roads, or promulgate and enforce use restrictions on road use for resource management, erosion control, law enforcement purposes, or other purposes necessary or appropriate for the sound management of the Premises, by providing Tenant with prior written notice thereof.
- (h) Weed and Pest Control. Except as set forth in Section 8(d) above, District will have the right, but not the obligation, at its sole cost and expense, and in its sole discretion as to the manner, time or extent of such efforts, for the control of noxious weeds and animal pests on the Premises. Tenant shall fully cooperate with District in any programs designed to control or eradicate weed and pest populations, including relocation of livestock if necessary. District shall provide Tenant with at least 48 hours notice, verbal or written, prior to the commencement of such control programs. Tenant shall not introduce any noxious vegetation onto or about the Premises. In no event shall District be liable to Tenant for the presence or introduction of noxious vegetation or animal pests on the Premises.
- (i) **Hazardous Substances**. Tenant is absolutely prohibited from transporting, mixing, generating, applying, storing, or disposing of herbicides, pesticides, rodenticides or any hazardous substances, except for equipment and vehicle fuel and fueling operations typical for use in grazing operations, upon the Premises without the prior express written consent of District. Fuel will be kept in properly sealed containers, suitable for the substance, and all fuel transfer operations will be conducted with sufficient care and diligence to prevent contamination of or on the Premises.
- (j) Compliance with Law. Tenant will comply with all applicable laws, permits, statutes, ordinances, rules, governmental orders, regulations, and requirements pertaining to the occupancy and use of the Premises, including without limitation, District Land Use Regulations. Tenant shall not use, nor permit others to use, the Premises for any unlawful or prohibited purpose or purposes except as may otherwise be specifically authorized hereunder.

9. ENTRY AND INSPECTION BY DISTRICT

Tenant agrees that District and its directors, officers, employees, agents and authorized volunteers may enter the Premises at any time to inspect the Premises, or to make any changes, alterations or repairs which District in its sole discretion considers appropriate for the protection, improvement or preservation of the Premises, and to post any notice provided for by law or

otherwise to protect the rights of District. Nothing herein contained shall be construed to obligate District to make any changes, alterations or repairs to the Premises.

10. MAINTENANCE OF IMPROVEMENTS

- (a) **Routine Maintenance**. Except as otherwise specifically set forth herein, Tenant shall, at Tenant's sole cost and expense, in a timely manner, maintain and repair all improvements related to grazing use, whether existing at commencement of the Lease or newly constructed, including roads, fences, gates, livestock guards, barns, buildings, structures, corrals, wells, pumps and pressure systems, spring boxes, pipelines, and water troughs, without any alterations or additions except as approved in writing by District. Tenant may maintain improvements and appurtenances that need replacement at a minimal operational level pending their replacement or reconstruction with prior written approval of District. Tenant shall not be responsible for maintenance of the Premises during the Off-season(s).
- (b) **Emergency Road Repairs**. Tenant may perform limited emergency repairs to any road that is impassable for uses authorized hereunder. Tenant must make a reasonable, good faith effort to notify District prior to commencing emergency work undertaken pursuant to this section. "Emergency" for purposes of this section shall mean imminent danger to the health or safety of humans, the natural resource values of the Premises, water bodies or structures, or to livestock permitted on the Premises hereunder. All emergency work undertaken pursuant to this section shall be performed, to the maximum extent feasible, in a manner consistent with District road repair standards. No material may be permitted to enter waterways. Tenant shall be responsible for remediation of any emergency road repair work, as such may be ordered by District or by lawful regulatory authority, including proper permitting, associate fees and charges and for any fines levied. Tenant shall not be entitled to reimbursement or rent credit for any such emergency repairs.

11. ALTERATIONS

Tenant agrees to obtain and fully comply with all applicable permits, authorizations, laws, ordinances, and regulations, and to obtain the prior written consent of District before making any alterations of, changes in, or additions to the Premises. All alterations, additions and improvements made in, to, or on the Premises, except unattached, movable fixtures, are the property of the District and will remain upon, and be surrendered with, the Premises upon termination of this Lease.

12. TERMINATION FOR BREACH OR DEFAULT

- (a) **District Right to Terminate for Default**. District shall have the right to terminate this Lease at any time upon default of this Lease by Tenant. In the event of such earlier termination by District, Tenant shall be allowed thirty (30) days following the giving by District of written notice of termination to Tenant in which to vacate the Premises. In the event of such early termination, Tenant's sole claim against District shall be to a pro-rata refund of grazing rent actually paid in advance.
- (b) **Default**. The occurrence of any of the following shall constitute a material default under and breach of this Lease by Tenant:
 - 1) Any failure by Tenant to pay the Rent or any other monetary sums required to be paid hereunder (where such failure continues for three (3) business days after written notice to quit or pay rent by District to Tenant).

- 2) The abandonment of the Premises by Tenant.
- 3) A failure by Tenant to observe and perform any other provision of this Lease to be observed or performed by Tenant, where such failure continues for thirty (30) days after written notice thereof by District to Tenant; provided, however, that if the nature of the default is such that the same cannot reasonably be cured within said thirty (30) day period, Tenant shall not be deemed to be in default if Tenant shall within such period commence such cure and thereafter diligently prosecute the same to completion.
- 4) The making by Tenant of any general assignment or general arrangement for the benefit of creditors; the filing by or against Tenant of a petition to have Tenant adjudged a bankrupt or of a petition for reorganization or arrangement under any law relating to bankruptcy (unless, in the case of a petition filed against Tenant, the same is dismissed within sixty (60) days); the appointment of trustee or receiver to take possession of substantially all of Tenant's assets located at the Premises or of Tenant's interest in this Lease, where possession is not restored to Tenant within thirty (30) days; or, the attachment, execution or other judicial seizure of substantially all of Tenant's assets located at the Premises or of Tenant's interest in this Lease, where such seizure is not discharged within thirty (30) days. Tenant agrees that in the event of the occurrence of any of the above-specified circumstances, then this Lease, or any interest in or to the Premises, shall not become an asset in any of such proceedings.
- (c) **Remedies**. In the event of any material default or breach by Tenant, District may, at any time thereafter, and without thereby limiting District in the exercise of any right or remedy, at law or in equity, that District may have by reason of such default or breach:
 - 1) Maintain this Lease in full force and effect and recover the Rent and other monetary charges as they become due, without terminating Tenant's right to possession irrespective of whether or not Tenant has abandoned the Premises. In the event District elects not to terminate the Lease, District shall have the right to attempt to re-let the Premises at such rent and upon such conditions and for such a term, and to do all acts necessary to maintain or preserve the Premises as District deems reasonable and necessary without being deemed to have elected to terminate the Lease, including removal of all persons and property from the Premises. Such property may be removed and stored in a public warehouse or elsewhere at the cost of and for the account of Tenant. In the event any such re-letting occurs, this Lease shall terminate automatically upon the new Tenant taking possession of the Premises, notwithstanding failure by District to elect to terminate the Lease initially. District at any time during the Term of this Lease may elect to terminate this Lease by virtue of such previous default of Tenant.
 - 2) Terminate Tenant's right to possession by any lawful means, in which case this Lease shall terminate and Tenant shall immediately surrender possession of the Premises to District. In such event District shall be entitled to recover from Tenant all damages incurred by District by reason of Tenant's default, including without limitation thereto, the following: (a) the worth at the time of award of any unpaid Rent which has been earned at the time of such termination; plus (b) the worth at the time of award of the amount by which the unpaid Rent which would have been earned after termination until the time of award exceeds the amount of such rental loss that is proved could have been reasonably avoided; plus (c) any other amount necessary to compensate District for all the detriment proximately caused by Tenant's failure to perform any obligations under this Lease or which in the ordinary course of events would be likely to result therefrom; plus (d) at District's election, such other

amounts in addition to or in lieu of the foregoing as may be permitted from time to time by applicable State law. Upon any such re-entry District shall have the right to make any reasonable repairs, alterations or modifications to the Premises, which District, in its sole discretion, deems reasonable and necessary. As used in (a) above, the "worth at the time of award" is computed by allowing interest at the rate of ten percent (10%) per annum from the date of default. As used in (b), the "worth at the time of award" is computed by discounting such amount at the discount rate of the U.S. Federal Reserve Bank at the time of award plus one percent (1%). The term "Rent," as used in this Section, shall be deemed to be and to mean the Rent to be paid pursuant to Section 4 hereof and all other monetary sums required to be paid by Tenant pursuant to the terms of this Lease.

(d) Cumulative Rights. All rights, options and remedies of District contained in this Lease shall be construed and held to be cumulative, and no one of them shall be exclusive of the other, and District shall have the right to pursue any one or all of such remedies and any other remedy or relief which may be provided for by law or in equity, whether or not stated in this Lease. No waiver of any default of Tenant hereunder shall be implied from any acceptance by District of any Rent or other payments due hereunder or any omission by District to take any action on account of such default if such default persists or is repeated, and no express waiver shall affect defaults other than as specified in said waiver. The consent or approval of District to or of any act by Tenant requiring District's consent or approval shall not be deemed to waive or render unnecessary District's consent or approval to or of any subsequent similar acts by Tenant.

13. SURRENDER OF PREMISES

Tenant agrees that upon termination of this Lease to promptly surrender the Premises and all appurtenances to District in the same condition as when received, reasonable use, wear and tear, damage by fire, acts of God or nature excepted, and to remove all of Tenant's livestock and personal property from the Premises.

14. ASSIGNMENT AND SUBLETTING

Pursuant to the provisions of Civil Code §1995.230, this Lease is personal to Tenant and may not be assigned, sublet or otherwise transferred by Tenant, in whole or in part, in any manner whatsoever without first obtaining the express written consent of District which may approve or disapprove such assignment, sublease or other transfer in its sole discretion based on its review and assessment of the proposed transferee's experience with grazing, especially on public lands, general business experience and financial stability on a level comparable to that of Tenant, and proposed transferee's ability to competently and timely perform all aspects of the Grazing Plan.

15. INDEMNIFICATION

Tenant agrees to indemnify, protect, defend, and hold District harmless from and against any and all claims, losses, damages, demands, liabilities, suits, penalties, costs, expenses (including, without limitation, attorneys' fees), causes of action, claims and/or judgments arising out of or arising in connection with any injury or damage to any person or property including, without limitation, District and its directors, officers, employees, agents volunteers, and guests from any cause or causes whatsoever while in, upon or in any way connected with this Lease, the Premises, or its appurtenances during the Term of the Lease.

16. INSURANCE

Tenant agrees to obtain, and keep in force during the term of the Lease, all at Tenant's own cost and expense, a policy or policies of Commercial General Liability Insurance and Business Auto Coverage insurance, each in an amount of not less than \$1,000,000.00 aggregate and per occurrence or accident for all covered losses. Such policy or policies shall name District as an additional insured, and evidence of such endorsement, by a duly executed Certificate of Insurance (ACORD 25-S, or a successor or comparable form, subject to prior approval by District) shall be provided District within ten (10) days of execution hereof and shall be updated thereafter as necessary. Each of the policies must contain a provision that such policy will not be cancelled or materially changed without thirty (30) days prior written notice to District. Tenant shall also comply with all applicable statutory worker compensation requirements. Upon request by District, Tenant shall direct his insurer or insurance agent to furnish District with a copy of any policy required by this Lease, certified to be a true and complete copy of the original.

17. ABANDONMENT

Tenant shall be deemed to have abandoned the Premises if Tenant fails to pay any rental amount due District at the times or in the manner provided, fails to observe and perform any of the other covenants or conditions of this Lease, where such failure to observe or perform continues for a period of fifteen (15) days after written notice by District to Tenant, or ceases active grazing use of the Premises for a continuous period of sixty (60) days during a Grazing Season. In the event Tenant is deemed to have abandoned the Premises, any prepaid Rent shall belong entirely to District and shall not be refunded, in whole or in part, to Tenant.

18. WAIVER OF RELOCATION BENEFITS

Tenant specifically waives any and all rights to relocation benefits or assistance that might otherwise be available to Tenant upon termination of this Lease (for any reason or under any circumstances) including, but not limited to, those authorized under California Government Code §7260 *et seq.* or otherwise.

19. UTILITIES

District shall have no responsibility or liability of any kind with respect to any utilities that may be on or about the Premises. Tenant shall have the sole responsibility to locate such utilities and to protect them from damage. Tenant shall make all arrangements directly with utility companies for delivery, and shall timely pay for any and all utilities and services furnished to or used by Tenant, including without limitation, gas, electric, water and telephone service for all deposits, connection, installation and usage charges.

20. NO RIGHT TO REPAIR AND DEDUCT

No residential tenancy is created by or permitted hereunder, and Tenant expressly waives the benefit of any existing, or subsequently enacted or set out, law, judicial or administrative decision, that might otherwise permit Tenant to make repairs or replacements at District's expense, or to terminate this Lease because of District's failure to keep the Premises, improvements, or any part thereof, in good order, condition and repair, or to abate or reduce any of Tenant's obligations hereunder on account of the Premises or improvements or any part thereof being in need of repair or replacement except as is specifically authorized pursuant to Section 4 (c) hereof. Without limiting the foregoing, Tenant expressly waives the provisions of California Civil Code §1932 or any similar laws with

respect to the right of Tenant to terminate this Lease.

21. GENERAL PROVISIONS

- (a) Amendments; Entire Agreement. Neither this Lease nor any term or provision hereof may be changed, waived, discharged or terminated except by a written instrument signed by the Parties hereto or as otherwise permitted hereunder. This Lease, including the Exhibits hereto, contains the entire agreement between the Parties and supersedes all prior written or oral negotiations, discussions, understandings and agreements. The Parties further intend that this Lease shall constitute the complete and exclusive statement of its terms and that no extrinsic evidence whatsoever (including prior drafts of this Lease or the Grazing Plan and any changes therefrom) may be introduced in any judicial, administrative or other legal proceedings involving this Lease. Tenant hereby acknowledges that neither District, nor District's directors, officers, employees or agents, have made any representations or warranties with respect to the Premises or this Lease except as expressly set forth herein, and no rights, easements or licenses are or shall be acquired by Tenant by implication or otherwise unless expressly set forth herein.
- (b) **Severability**. If any provision of this Lease or the application thereof to any person, entity or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Lease, or the application of such provision to persons, entities or circumstances other than those as to which it is invalid or unenforceable, shall no be affected thereby, and each other provision of this Lease shall be valid and enforceable to the fullest extent permitted by law.
- (c) **Time.** Time is of the essence to every term and condition hereof to which time is a material factor.
- (d) **Governing Law and Venue.** This Lease shall be construed pursuant to California law and proper venue for all purposes shall be in the County of Santa Clara.
- (e) Attorneys' Fees; Costs of Suit. If legal action shall be brought by either of the parties, the party prevailing in said action shall be entitled to recover from the party not prevailing the costs of the suit and reasonable attorney's fees. For purposes of this Lease, reasonable fees of attorneys employed by District shall be based on the fees regularly charged by private attorneys with an equivalent number of years of experience in the subject matter area of the law and actively practicing within the jurisdiction of District.
- (f) **Holding Over.** Tenant specifically waives the provisions of Code of Civil Procedure §1161(2). Any holding over after expiration of the Term with the express written consent of District shall be construed to automatically extend the Term of this Lease only on a month-to-month basis. All other terms, conditions and covenants of the Lease shall remain in effect during the hold over period so far as applicable.
- (g) **Notices.** Wherever this Lease provides for notices between the parties, or wherever the law requires or gives the right of serving a notice, the same shall be in writing and either served personally or sent by registered or certified mail, postage prepaid and addressed to the appropriate party as shown in the Summary. District and Tenant may at any time, in the manner provided herein, change the place or person designated for receiving notice.

IN WITNESS WHEREOF the parties hereto subscribe their names.
--

DISTRICT:

TENANT:

Craig Britton, General Manager		
Date:	Date:	
Attest: Gregory Sam District Clerk		
Approved as to form and procedure:		
Susan Schectman, General Counsel		

EXHIBIT A TO GRAZING LEASE

Grazing Management Plan (under separate cover)

EXHIBIT B TO GRAZING LEASE

CALCULATION OF ANNUAL GRAZING RENT

The Lease Summary specifies the Rent to be paid by Tenant during the first lease year. For each lease year thereafter, annual Rent shall be adjusted upward or downward based upon two factors:

- 1) The Grazing Capacity in AUMs authorized by District for the upcoming lease year.
- An increase or decrease in the per AUM rental rate based upon whether the average selling price of beef cattle is higher or lower than the average selling price for the preceding year. The per AUM rental rate shall be adjusted upward or downward by 50% of the percentage change in beef cattle prices.

For the purpose of calculating the per AUM rental rate, the average selling price of beef cattle shall be taken as the average selling price of Medium Frame No.1 Muscling Steers and Heifers, 500-800 lbs., as reported by the Cattle Marketing Information Service, Inc. (Cattle-Fax) for the month of June prior to the start of the new lease year. In the event that the average sales price of beef cattle is not obtainable in any year from Cattle-Fax as now constituted, then the average sales price to be used in determining the rental rate shall be obtained from some other authentic source to be selected by District as providing a comparable price for this purpose.

EXAMPLE:

Assume the Grazing Capacity authorized by the District for the first lease year was 144 AUMs, and the Rent for the first lease year was \$2,000.00, or \$13.89 per AUM.

For the upcoming lease year, assume the District has authorized an increase in Grazing Capacity to 160 AUMs. Assume that the average selling price of beef cattle from June to June decreased by 2.2%, equal to a 1.1% decrease in the per AUM rental rate per the above formula. Rent for the upcoming lease year would be calculated as follows:

Grazing Capacity = 160 AUM

Per AUM Rent = \$13.89 - 1.1% = \$13.74

Rent for upcoming lease year = 160 AUM X \$13.74 = \$2,198.40

The total authorized AUMs for each upcoming lease year shall be established by the District on the basis of the Grazing Capacity of the Premises as determined by District, and stocking levels

Exhibit 2: Mitigated Negative Declaration

shall be computed by calculating the relative forage requirements of each of the kind or kinds of livestock intended to be grazed on the Premises in any one grazing year, as expressed by the following conversion factors:

Type of Livestock	Animal Unit Months (AUMs)
Adult Cow with Calf up to 6 months old	1.00
Heifer or Steer, 2 years & older (1,000 lbs. or more)	1.00
Yearling to 2-year-old (750 to 1,000 lbs.)	0.75
Weaned Calf to Short Yearling (up to 750 1bs.)	0.50
Bull	1.00
Horse	1.25
Sheep	0.20
Goats	0.20

Tenant shall use the Premises only for grazing the type of livestock permitted by District under the terms of the Lease.

Attachment C

Mindego Ranch Road Erosion and Sediment Assessment



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

MEMORANDUM

TO: Sandy Sommer, Senior Real Property Planner

Cc: Matt Freeman, Planning Manager

Craig Beckman, Skyline Area Maintenance and Construction Supervisor

FROM: Matt Baldzikowski, Resource Planner, CPESC

DATE: February 11, 2008

RE: Mindego Ranch Road Erosion and Sediment Assessment

On January 31st a team of MROSD staff, including yourself, Craig Beckman (Skyline Maintenance and Construction Supervisor) Brian Malone (Skyline Area Superintendent), and myself completed a reconnaissance of the Mindego Ranch property. The purpose of this reconnaissance was to evaluate the erosion potential of the existing road network, including the Mindego Ridge Trail access to the Mindego Ranch. I have also had the benefit of observing the roads during the dry season, while previously out with POST. This has enabled me to view the road network during the wet and dry seasons, and has provided me adequate observation to assess the potential erosion and sediment issues associated with the roads.

The Mindego Ranch is located in the upper reaches of the Alpine Creek and Mindego Creek subwatersheds of San Gregorio Creek. The San Gregorio Creek Watershed has been listed as "sediment impaired" under the Clean Water Act section 303(d) by the State Water Resources Control Board. Additionally, numerous aquatic or semi-aquatic species have been Federally or State Listed as endangered, threatened, or species of special concern are known to occur within the San Gregorio Creek watershed including: steelhead trout, coho salmon, California Redlegged frog, San Francisco garter snake, southwestern pond turtle, Pacific lamprey, and tidewater goby. Human induced erosion and sediment impacts from within the watershed have been identified as significant contributors to the decline of water quality and aquatic species populations. For these reasons it is essential that erosion and sediment is controlled within the watershed, including the Mindego Ranch.

PRIMARY ACCESS ROAD MAINTENANCE

The existing road network on the Mindego Ranch is currently in reasonable shape. The roads are well established, and all-weather vehicular use by standard vehicles is limited to the ridgetop section between the property gate and the lower residences. The primary ridge-top access known as the Mindego Ridge Trail includes some substantial road bench cuts, and fairly steep grades of 15-20% in the upper portion, dropping down from Alpine Road (on the easement across the Silva property). There are few drainage breaks along the road, and water is concentrated on the road surface for considerable lengths. The remainder of the Mindego Ridge Trail is primarily located on the top of the ridge. Long-term use and maintenance has dropped the road grade below the ridge surface in a number of places, creating a condition where draining the road has become

difficult, leading to more areas of concentrated drainage. Concentrated drainage erodes the road surface, and can cause failures of slopes when large volumes of water are finally released.

This road will also serve as a year-round access to the property for patrol, cattle operations, and possibly residential access. The road surface has been surfaced with a variety of gravels in the past. Vehicular use during the winter period has the potential to damage the road surface and create new sources of erosion and drainage problems with chronic disturbance. It is anticipated that current tenant (the prior owner) will need to utilize the road quite heavily this year while removing the existing cattle operation and personal property. The road surface will suffer from this more intensive use.

Following this more intensive period of use, the road should be maintained by re-shaping and resurfacing with gravel to appropriately maintain for year-round use and reduce erosion potential. In addition, the number of drainage structures needs to be increased along the entire access easement section of the Mindego Ridge Trail (including that portion already within Russian Ridge Open Space Preserve). The majority of new road drainage structures can be installed as "rolling dips" and outsloping that would be easily constructed by reshaping the road. There are also a few culverts that will need to be maintained and/or replaced, and additional new adequately sized culverts may also need to be installed. These maintenance-type improvements would substantially reduce the potential for erosion and sedimentation impacts from the steeper sections of the primary access road immediately and over the long-term.

The end of the main access road between the old True residence and the Gianandrea cabin has two small culverted stream crossings that carry spring-flow under the road. The road itself is boggy. If these structures are to be maintained, both culverts should be replaced with larger culverts, and the road surface raised with crushed aggregate.

SECONDARY RANCH ROAD MAINTENANCE

During the dry season, four-wheel drive vehicles, with little impact, utilize the remaining seasonal roads. The primary generation of fine sediment observed appeared to be from cattle use of the roads. Winter cattle use, in addition to infrequent road drainage, had created numerous, very muddy, sections of road. Runoff during periods of rain from these muddy road sections has the potential to carry sediment to watercourses and water bodies.

The installation of consistent outsloping, numerous water bars, and/ or rolling dips would improve the drainage from the road surface. These structures may need to be constructed of compacted rock materials to withstand cattle traffic, and will need annual evaluation before the winter period, and maintenance as necessary. Additionally, some of the muddy sections of road should be graveled, as necessary, to harden the road surface.

The Interim Rangeland Management measures alone will substantially reduce the amount of sediment currently generated from the seasonal roads by reducing the winter period cattle operations on the property, and by reducing the number of cattle grazing on the property. The reduction of winter period operations will provide a critical rest period for the roads, during the fall and early winter, where plant growth and leaf drop will quickly establish ground cover, that would not occur with year round grazing. This will also substantially lessen the duration of wetseason cattle disturbance to approximately one-half the time of the current operation.

OTHER PRIORITY CORRECTIVE MEASURES NEEDING FURTHER INVESTIGATION

Based upon the site reconnaissance to date, a few obvious priority locations on the seasonal road network require additional investigation in the interim, and corrective measures following subsequent environmental review. These additional investigations will need to consider the long-term rangeland management objectives on the property, including an evaluation of alternative access, and will also require the consideration of long-term recreational access, and connectivity between the Mindego Ranch and Russian Ridge Open Space Preserve.

Short Term Investigation Needed

Perhaps the most prominent erosion site is a plugged and failing stream crossing of Rodgers Creek on the south side of the property. This road crossing currently dams the creek, with creek flow crossing the road surface, and eroding the road fill face. The channel downstream is also down-cutting, with bank erosion evident. The material backed up behind the road consists of gravels and small cobble that originated from the south side of Mindego Hill. These gravels appear to be an ideal source of high quality spawning gravel that should continue through the stream system, and downstream to the anadromous reaches of Alpine Creek. Since this crossing is entraining a substantial volume of high quality gravel, and is actively eroding, the crossing should be redesigned and replaced, or abandoned if alternative access can be negotiated with adjoining properties to the south. An investigation of this situation should include developing several alternative redesign scenarios, and should be prepared with the advice of a qualified biologist.

To reach the Rodgers Creek crossing the road segment leading down to Kneudler Lake was very steep, rocky and eroded. Further assessment might be needed to determine whether this route is needed as a road, if there are alternative routes that might meet District needs or whether additional water bars, dips, and rock surfacing would be enough to reduce damage along this section.

Another prominent erosion site is located immediately west of the barns near the old True residence at the beginning of the seasonal road network that accesses the remainder of the property. The site is a small road crossing of a small spring seep that flows into Mindego Lake. The crossing is currently very narrow, and appears recently replaced. The culvert was placed high in the fill to impound water upslope, and the outlet is also high in the fill and will continue to erode the fill, and gully the native soil. There is an adjacent gully that appears to have eroded from the prior culvert location. A substantial erosion gully has also formed between the culvert outlet and Mindego Lake. Sediment eroded from the gully is carried directly into Mindego Lake.

The crossing should be upgraded or abandoned. The holding pond above the crossing should be assessed for its benefit to the grazing operation, and potential use by sensitive species. If it is necessary to maintain the small pond this can could completed by replacing and extending the existing culvert, increasing the road width by placing additional fill on the up-slope side of the crossing or by lowering the fill height, providing adequate energy dissipation at the culvert outlet, and rocking the road with gravel between the pasture gate and crossing. The eroded gully will need to be reshaped, with the steep slopes laid back to a more gentle angle, and the gully headcut stabilized with 6-12" rock. The slopes should be planted with willow cuttings, and the restored area fenced to exclude cattle.

If the holding pond is to be abandoned, the dam fill material could be pushed back into the holding pond and the entire slope returned to natural contours. The road could be relocated in the

vicinity of the re-contoured pond. It is anticipated that this section of road will encounter surface or ground water, so the road surface should be graveled to reduce rutting and erosion. Investigation and decision making about this location should also be done with the advice of a qualified biologist, given the proximity to Mindego Lake.

Medium Term Investigation Needed

The first location consists of two culverts on a seasonal road that leads to an old stream ford crossing of Mindego Creek leading to the former Rapley property portion of Russian Ridge Open Space Preserve. The old stream ford crossing is in good shape, is well vegetated and stable. However, the road leading down to Mindego Creek crosses two ephemeral drainages that are deeply incised. Both culverts have failed, blown out by large storms of the past. The majority of the failed crossing fill material has already been evacuated down the stream channels. These are high priority sites for treatment, but are not currently judged to contribute significant sediment into the stream system, and are fairly well vegetated. The road approaches to the crossings have perched fill material and some channel fill. Future removal and the recontouring of the channel slopes would be an appropriate treatment.

These two crossings may provide recreational access between the existing Russian Ridge OSP in the area of the Rapley/Quam properties and the Mindego Ranch addition. There is also the potential for other trail alignments, though these have yet to be scouted. If this existing road is found to be the preferred trail alternative, perched fill should be removed, narrowing the road to trail width, and pedestrian/ equestrian bridges should be installed. If another alignment is found, then the road and crossings would be appropriately abandoned and stabilized. A single project, with associated level of disturbance, would be preferred to complete all desired trail work and road remediation at the same time, and should be addressed in subsequent stages as part of a more comprehensive plan for the Preserve, preferably within the next five years.

Long Term Efforts

Additional road cuts were observed in the distance while traveling on these primary roads but were not yet explored fully. Some may provide partial access around the southwest face of Mindego Hill. Future property surveys may identify routes that could be used or could require efforts to restore to prevent further damage.